

## Polymer Library

Entry ID	Name	Structure Formula	Newly Added in Ver.3.6
FLT-001	Polyethylene (high density) : PE(HDPE)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$	
FLT-002	Polypropylene(isotactic) ; <i>iso</i> -PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$	
FLT-003	Polypropylene(atactic) ; <i>at</i> -PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$	
FLT-004	Polypropylene (syndiotactic) ; <i>syn</i> -PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$	
FLT-005	Polybutene-1 (isotactic)	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}_3) \right\}_n \text{---}$	
FLT-006	Poly(4-methyl-1-pentene) ; PMP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_3) \right\}_n \text{---}$	
FLT-007	Isobutylene-isoprene rubber; IIR; 1% isoprene	$\text{---} \left\{ \text{CH}_2\text{C}(\text{CH}_3)_2 \right\}_m \left\{ \text{CH}_2\text{C}(\text{CH}_3) = \text{CHCH}_2 \right\}_n \text{---}$	
FLT-008	Ethylene-propylene copolymer ; P (E-P); E40%	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$	
FLT-009	Ethylene-propylene diene rubber ; EPDM	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_m \left\{ \text{X} \right\}_n \text{---}$ X = diene	
FLT-010	Ethylene-methyl methacrylate copolymer ; P (E-MMA); MMA13%	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_m \text{---}$	
FLT-011	Ethylene-acrylic acid copolymer ; P (E-AA)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{COOH}) \right\}_m \text{---}$	
FLT-012	Ethylene-vinyl acetate copolymer ; EVA; VAc 20%	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$	
FLT-013	Ethylene-ethyl acrylate copolymer ; P (E-EA); EA 50%	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \right\}_n \text{---}$	
FLT-014	Ethylene-vinyl alcohol copolymer ; P(E-VA)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{OH}) \right\}_n \text{---}$	
FLT-015	Polyethylene ionomer ; IO	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COO}) \right\}_m \text{---}$ Zn ...OCO -	
FLT-016	Polystyrene ; PS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLT-017	Styrene-methyl acrylate copolymer ; P(S-MA); MA 50%	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{COOCH}_3) \right\}_n \text{---}$	
FLT-018	Styrene-methyl acrylate alternating copolymer	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\text{-CH}_2\text{CH}(\text{COOCH}_3) \right\}_n \text{---}$	
FLT-019	Styrene-methyl methacrylate copolymer ; P(S-MMA); MMA 50%	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_m \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_n \text{---}$	
FLT-020	Styrene-methyl methacrylate alternating copolymer	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\text{-CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_n \text{---}$	
FLT-021	Methyl methacrylate-butadiene-styrene copolymer ; MBS	$\text{---} \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_1 \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLT-022	Acrylonitrile styrene copolymer ; AS; AN 50%	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLT-023	Acrylonitrile-styrene alternating copolymer	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CN})\text{-CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLT-024	Acrylonitrile-butadiene-styrene copolymer ; ABS	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_x \left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \right\}_y \text{---}$	
FLT-025	Acrylonitrile acrylate styrene copolymer ; AAS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{COOC}_4\text{H}_9) \right\}_x \left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \right\}_y \text{---}$	
FLT-026	Acrylonitrile-EPDM-styrene copolymer ; AES	$\text{---} \left\{ \left\{ \text{CH}_2\text{CH}_2 \right\}_p \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_q \left\{ \text{X} \right\}_r \right\}_x \left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \right\}_y \text{---}$ X = diene	

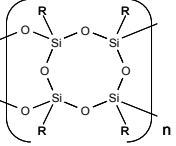
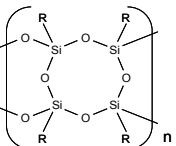
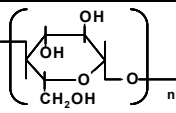
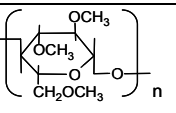
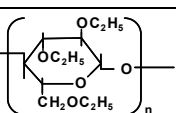
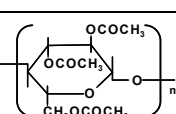
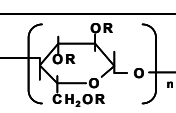
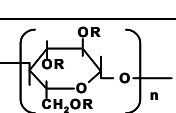
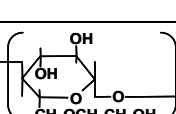
FLT-027	Styrene-maleic anhydride copolymer ; P(S-Mah)	$\left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_m \left[ \text{CH}(\text{CO})-\text{CH}(\text{CO}) \right]_n$	
FLT-028	Styrene-divinylbenzene copolymer ; P(S-DVB); DVD 4.4%, ES 3.6%	$\left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_1 \left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_4) \right]_m \left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_2\text{CH}_3) \right]_n$ $\quad \quad \quad  $ $\quad \quad \quad \text{—CHCH}_2\text{—}$	
FLT-029	Poly(alpha-methylstyrene) ; P-alpha-MS	$\left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{C}_6\text{H}_5) \right]_n$	
FLT-030	Polydivinylbenzene ; PDVB ; DVD:ES = 55:45	$\left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_4) \right]_m \left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_2\text{CH}_3) \right]_n$ $\quad \quad \quad  $ $\quad \quad \quad \text{—CHCH}_2\text{—}$	
FLT-031	Poly(p-chlorostyrene)	$\left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{Cl}) \right]_n$	
FLT-032	Poly(p-methylstyrene) ; PMS	$\left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_3) \right]_n$	
FLT-033	Poly(2-vinylpyridine)	$\left[ \text{CH}_2\text{CH}(\text{C}_5\text{H}_4\text{N}) \right]_n$	
FLT-034	Acrylonitrile-p-chlorostyrene copolymer	$\left[ \text{CH}_2\text{CH}(\text{CN}) \right]_m \left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{Cl}) \right]_n$	
FLT-035	Chloromethylated styrene-divinylbenzene copolymer; DVB 8%	$\left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_1 \left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_4) \right]_m \left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_4\text{CH}_2\text{Cl}) \right]_n$ $\quad \quad \quad  $ $\quad \quad \quad \text{—CHCH}_2\text{—}$	
FLT-036	Poly(methyl methacrylate) ; PMMA	$\left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right]_n$	
FLT-037	Poly(n-butyl methacrylate) ; PBMA	$\left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOC}_4\text{H}_9) \right]_n$	
FLT-038	Poly(2-hydroxyethyl methacrylate) ; PHEMA	$\left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_2\text{CH}_2\text{OH}) \right]_n$	
FLT-039	Poly(methyl acrylate) ; PMA	$\left[ \text{CH}_2\text{CH}(\text{COOCH}_3) \right]_n$	
FLT-040	Poly(ethyl acrylate) ; PEA	$\left[ \text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \right]_n$	
FLT-041	Poly(butyl acrylate) ; PBA	$\left[ \text{CH}_2\text{CH}(\text{COOC}_4\text{H}_9) \right]_n$	
FLT-042	Poly(acrylic acid) ; PAA	$\left[ \text{CH}_2\text{CH}(\text{COOH}) \right]_n$	
FLT-043	Methyl methacrylate-methyl acrylate copolymer ; P(MMA-MA); MA 10%	$\left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right]_m \left[ \text{CH}_2\text{CH}(\text{COOCH}_3) \right]_n$	
FLT-044	Higher methacrylate copolymer	$\left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOR}) \right]_n$ $\quad \quad \quad \text{R}=\text{C}_1, \text{C}_{12}, \text{C}_{16}, \text{C}_{18}$	
FLT-045	Acrylic rubber ; ACM	$\left[ \text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \right]_1 \left[ \text{CH}_2\text{CH}(\text{COOC}_4\text{H}_9) \right]_m \left[ \text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5\text{OCH}_3) \right]_n$	
FLT-046	Polyacrylonitrile ; PAN	$\left[ \text{CH}_2\text{CH}(\text{CN}) \right]_n$	
FLT-047	Acrylonitrile-methyl acrylate copolymer; AN 46%	$\left[ \text{CH}_2\text{CH}(\text{CN}) \right]_m \left[ \text{CH}_2\text{CH}(\text{COOCH}_3) \right]_n$	
FLT-048	Polyacrylamide ; PAAm	$\left[ \text{CH}_2\text{CH}(\text{CONH}_2) \right]_n$	
FLT-049	Poly(maleic anhydride) ; PMAh (Maleic acid)	$\left[ \text{CH}(\text{CO})\text{CH}(\text{CO}) \right]_n$	
FLT-050	Poly(vinyl chloride) ; PVC	$\left[ \text{CH}_2\text{CHCl} \right]_n$	
FLT-051	Vinyl chloride-vinylidene chloride copolymer ; P(VC-VdC)	$\left[ \text{CH}_2\text{CHCl} \right]_m \left[ \text{CH}_2\text{CCl}_2 \right]_n$	
FLT-052	Chlorinated poly(vinyl chloride) ; CPVC; HCl 66wt%	$\left[ \text{CH}_2\text{CHCl} \right]_1 \left[ \text{CHClCHCl} \right]_m \left[ \text{CH}_2\text{CCl}_2 \right]_n$	

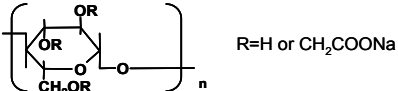
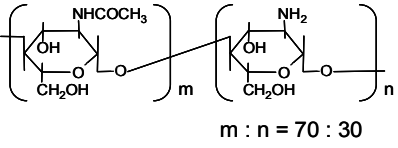
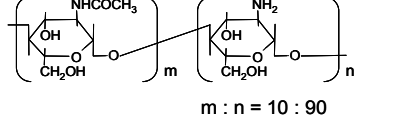
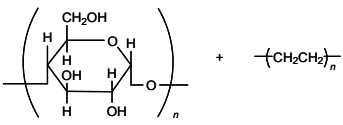
FLT-053	Chlorinated polyethylene ; CM; HCl 30%	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_m\left\{\text{CH}_2\text{CHCl}\right\}_n\text{---}$	
FLT-054	Vinyl chloride-vinyl acetate copolymer ; P(VC-VAc); VAc 12%	$\text{---}\left\{\text{CH}_2\text{CHCl}\right\}_m\left\{\text{CH}_2\text{CH(OCOCH}_3\text{)}\right\}_n\text{---}$	
FLT-055	Chlorosulfonated polyethylene ; CSM	$\text{---}\left\{\text{CH}_2\text{CHCl}\right\}_1\left\{\text{CH(SO}_2\text{Cl)}\right\}_m\left\{\text{CHCl}\right\}_n\text{---}$	
FLT-056	Acrylonitrile-vinyl chloride copolymer ; P(AN-VC); AN 50%	$\text{---}\left\{\text{CH}_2\text{CH(CN)}\right\}_m\left\{\text{CH}_2\text{CHCl}\right\}_n\text{---}$	
FLT-057	Acrylonitrile-vinyl chloride alternating copolymer	$\text{---}\left\{\text{CH}_2\text{CH(CN)-CH}_2\text{CHCl}\right\}_n\text{---}$	
FLT-058	Methyl acrylate-vinyl chloride copolymer ; P(MA-VC); MA 50%	$\text{---}\left\{\text{CH}_2\text{CH(COOCH}_3\text{)}\right\}_m\left\{\text{CH}_2\text{CHCl}\right\}_n\text{---}$	
FLT-059	Methyl acrylate-vinyl chloride alternating copolymer	$\text{---}\left\{\text{CH}_2\text{CH(COOCH}_3\text{)-CH}_2\text{CHCl}\right\}_n\text{---}$	
FLT-060	Polytetrafluoroethylene ; PTFE	$\text{---}\left\{\text{CF}_2\text{CF}_2\right\}_n\text{---}$	
FLT-061	Tetrafluoroethylene-hexafluoropropylene copolymer ; FEP	$\text{---}\left\{\text{CF}_2\text{CF}_2\right\}_m\left\{\text{CF}_2\text{CF(CF}_3\text{)}\right\}_n\text{---}$	
FLT-062	Polychlorotrifluoroethylene ; PCTFE	$\text{---}\left\{\text{CF}_2\text{CFCl}\right\}_n\text{---}$	
FLT-063	Poly (vinyl fluoride) ; PVF	$\text{---}\left\{\text{CH}_2\text{CHF}\right\}_n\text{---}$	
FLT-064	Poly(vinylidene fluoride) ; PVDF	$\text{---}\left\{\text{CF}_2\text{CH}_2\right\}_n\text{---}$	
FLT-065	Vinylidene fluoride-hexafluoropropylene rubber; HFP 23%, TEF 21%	$\text{---}\left\{\text{CF}_2\text{CF}_2\right\}_1\left\{\text{CF}_2\text{CF(CF}_3\text{)}\right\}_m\left\{\text{CF}_2\text{CH}_2\right\}_n\text{---}$	
FLT-066	Propylene-tetrafluoroethylene rubber	$\text{---}\left\{\text{CH}_2\text{CH(CH}_3\text{)}\right\}_m\left\{\text{CF}_2\text{CF}_2\right\}_n\text{---}$	
FLT-067	Poly(vinyl alcohol) ; PVA	$\text{---}\left\{\text{CH}_2\text{CH(OH)}\right\}_n\text{---}$	
FLT-068	Poly (vinyl butylal) ; PVB	$\text{---}\left\{\text{CH}_2\text{CH}\left(\begin{array}{c} \text{CH}_2\text{CH}_2 \\   \\ \text{O}-\text{CH}-\text{O} \\   \\ \text{C}_3\text{H}_7 \end{array}\right)\right\}_n\text{---}$	
FLT-069	Poly(vinyl acetate) ; PVAc	$\text{---}\left\{\text{CH}_2\text{CH(OCOCH}_3\text{)}\right\}_n\text{---}$	
FLT-070	Polyvinylpyrrolidone	$\left(\begin{array}{c} \text{CH}_2-\text{CH} \\   \\ \text{N} \\   \\ \text{C=O} \end{array}\right)_n$	
FLT-071	High <i>cis</i> -butadiene rubber ; BR	$\text{---}\left\{\text{CH}_2\text{CH=CHCH}_2\right\}_n\text{---}$	
FLT-072	Poly(1,2-butadiene)	$\text{---}\left\{\text{CH}_2\text{CH(CH=CH}_2\text{)}\right\}_n\text{---}$	
FLT-073	Natural rubber ; NR	$\text{---}\left\{\text{CH}_2\text{C(CH}_3\text{)=CHCH}_2\right\}_n\text{---}$	
FLT-074	Chloroprene rubber ; CR	$\text{---}\left\{\text{CH}_2\text{CCl=CHCH}_2\right\}_n\text{---}$	
FLT-075	Hydrogenated natural rubber	$\text{---}\left\{\text{CH}_2\text{CH(CH}_3\text{)CH}_2\text{CH}_2\right\}_n\text{---}$	
FLT-076	Acrylonitrile-butadiene rubber ; NBR	$\text{---}\left\{\text{CH}_2\text{CH=CHCH}_2\right\}_1\left\{\text{CH}_2\text{CH(CH=CH}_2\text{)}\right\}_m\left\{\text{CH}_2\text{CH(CN)}\right\}_n\text{---}$	
FLT-077	Hydrogenated acrylonitrile-butadiene rubber	$\text{---}\left\{\text{CH}_2\text{CH=CHCH}_2\right\}_1\left\{\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\right\}_m\left\{\text{CH}_2\text{CH(C}_6\text{H}_5\text{)}\right\}_n\left\{\text{CH}_2\text{CH(CN)}\right\}_o\text{---}$	
FLT-078	Polynorbomene	$\text{---}\left\{\text{CHCH}_2\text{CHCH=CH}\right\}_n\text{---}$ $\quad \quad \quad  $ $\quad \quad \quad \text{CH}_2\text{CH}_2$	
FLT-079	Styrene-butadiene rubber ; SBR	$\text{---}\left\{\text{CH}_2\text{CH=CHCH}_2\right\}_m\left\{\text{CH}_2\text{CH(C}_6\text{H}_5\text{)}\right\}_n\text{---}$	

FLT-080	Styrene-butadiene-styrene-block copolymer ; SBS(TPS)	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_m \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_o \text{---}$	
FLT-081	Styrene-ethylene-butadiene-styrene-block copolymer	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_1 \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_o \text{---}$	
FLT-082	Polycaproamide ; nylon-6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_5\text{CO} \right\}_n \text{---}$	
FLT-083	Polyundecanoamide ; nylon-11	$\text{---} \left\{ (\text{CH}_2)_{10}\text{CONH} \right\}_n \text{---}$	
FLT-084	Polylauroamide ; nylon-12	$\text{---} \left\{ (\text{CH}_2)_{11}\text{CONH} \right\}_n \text{---}$	
FLT-085	Nylon 4.6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_4\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$	
FLT-086	Polyhexamethylenedipamide ; nylon-6.6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$	
FLT-087	Polyhexamethylenecebacamide ; nylon-6.10	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_8\text{CO} \right\}_n \text{---}$	
FLT-088	Polydodecamethylenedipamide ; nylon-12.6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_{12}\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$	
FLT-089	Caproamide-hexamethylenedipamide copolymer; Nylon-6/66	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{CO} \right\}_m \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$	
FLT-090	Poly( <i>m</i> -xylene adipamide) ; nylon-MXD6	$\text{---} \left\{ \text{NHCH}_2 \text{---} \text{C}_6\text{H}_4 \text{---} \text{CH}_2\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$	
FLT-091	Polyoxymethylene ; POM	$\text{---} \left\{ \text{CH}_2\text{O} \right\}_n \text{---}$	
FLT-092	Polyoxymethylene(copolymer)	$\text{---} \left\{ \text{CH}_2\text{CH}_2\text{O} \right\}_m \left\{ \text{CH}_2\text{O} \right\}_n \text{---}$	
FLT-093	Poly(ethylene oxide)	$\text{---} \left\{ \text{CH}_2\text{CH}_2\text{O} \right\}_n \text{---}$	
FLT-094	Epichlorohydrin rubber ; CHR	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{Cl})\text{O} \right\}_n \text{---}$	
FLT-095	Epichlorohydrin-ethylene oxide rubber ; CHC	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{Cl})\text{O} \right\}_m \left\{ \text{CH}_2\text{CH}_2\text{O} \right\}_n \text{---}$	
FLT-096	Phenol formaldehyde resin (Novolak) ; PF	$\text{---} \left\{ \text{C}_6\text{H}_3(\text{OH})(\text{CH}_2) \right\}_n \text{---}$	
FLT-097	Phenol formaldehyde resin (Resol) ; PF	$\text{---} \left\{ \text{C}_6\text{H}_4(\text{OH})(\text{CH}_2) \right\}_n \text{---}$	
FLT-098	Cresol formaldehyde resin (Novolak)	$\text{---} \left\{ \text{C}_6\text{H}_3(\text{CH}_3)(\text{OH})(\text{CH}_2) \right\}_n \text{---}$	
FLT-099	Diallyl phthalate resin ; DAP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{OCO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2\text{CH}_2) \right\}_n \text{---}$	
FLT-100	Polyethyleneglycol bisallylcarbonate ; CR-39	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{OCO} \text{---} \text{CH}_2\text{CH}_2\text{OCH}_2\text{OCO} \text{---} \text{CH}_2\text{CH}_2) \right\}_n \text{---}$	
FLT-101	Urea formaldehyde resin ; UF	$\text{---} \left\{ \text{CH}_2\text{N}(\text{CONCH}_2) \right\}_n \text{---}$	
FLT-102	Melamine formaldehyde resin ; MF	$\text{---} \left\{ \text{CH}_2\text{N}(\text{C}_6\text{H}_3\text{N}_3) \right\}_n \text{---}$	

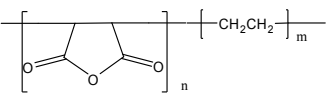
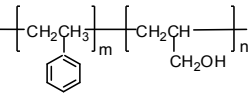
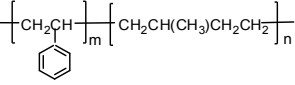
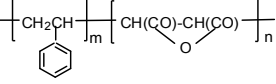
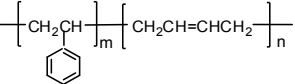
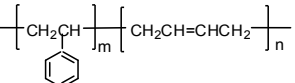
FLT-103	Xylene resin		
FLT-104	Unsaturated polyester ; UP		
FLT-105	Epoxy resin ; EP		
FLT-106	Brominated epoxy resin		
FLT-107	Bismaleimide triazine resin ; BT resin		
FLT-108	Polyetherimide ; PEI		
FLT-109	Polypyromellitimide ; PI		
FLT-110	Polyaminobismaleimide ; PABM		
FLT-111	Polyamideimide ; PAI		
FLT-112	Poly-p-phenyleneterephthalamide		
FLT-113	Poly-m-phenyleneisophthalamide		
FLT-114	Poly(p-phenylene/3,4-diphenylene ether terephthalamide)		
FLT-115	Poly(ethylene terephthalate) ; PET		
FLT-116	Poly(butylene terephthalate) ; PBT		
FLT-117	Poly(ethylene naphthalate) ; PEN		
FLT-118	Poly(p-hydroxybenzoic acid) ; POB		
FLT-119	Poly(p-hydroxybenzoic acid) ; POB		
FLT-120	Polyarylate ; PAR		

FLT-121	Poly-1,4-cyclohexanedimethyleneterephthalate		
FLT-122	Poly(lactic acid)		
FLT-123	Polycaprolactone		
FLT-124	Poly ( butylenes adipate / succinate )		
FLT-125	Polyhydroxybutyrate		
FLT-126	Poly(butylenes succinate/carbonate) ; PEC		
FLT-127	Polycarbonate(melt method) ; MM-PC		
FLT-128	Polycarbonate (solvent method) ; SM-PC		
FLT-129	Bisphenol Z polycarbonate		
FLT-130	Polycarbonate (thermally stabilized)		
FLT-131	Brominated Polycarbonate		
FLT-132	Polysulfone ; PSF		
FLT-133	Poly(phenylene oxide) ; PPO		
FLT-134	Modified poly(phenylene oxide) ; modified PPO		
FLT-135	Polyethersulfone ; PESF		
FLT-136	Poly(ether ether ketone) ; PEEK		
FLT-137	Poly(phenylene sulfide) ; PPS		
FLT-138	Polyarylethernitrile		

FLT-139	Polydimethylsiloxane ; PDMS	$\text{---} \left[ \text{Si}(\text{CH}_3)_2\text{-O} \right]_n \text{---}$	
FLT-140	Poly(methylphenylsiloxane) ; PMPS	$\text{---} \left[ \text{Si}(\text{CH}_3)(\text{C}_6\text{H}_5)\text{-O} \right]_n \text{---}$	
FLT-141	Dimethylsiloxane-methylphenylsiloxane copolymer	$\text{---} \left[ \text{Si}(\text{CH}_3)_2\text{-O} \right]_m \left[ \text{Si}(\text{CH}_3)(\text{C}_6\text{H}_5)\text{-O} \right]_n \text{---}$	
FLT-142	Polymethylsilsesquioxane	 R=CH <sub>3</sub>	
FLT-143	Polymethyl-phenylsilsesquioxane	 R = CH <sub>3</sub> (20%) C <sub>6</sub> H <sub>5</sub> (80%)	
FLT-144	TDI-polyester polyurethane ; PU (TDI)	$\text{---} \left[ \text{CONHC}_6\text{H}_3(\text{CH}_3)\text{NHCO}(\text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_4\text{CO})_m \text{O}(\text{CH}_2)_4\text{O} \right]_n \text{---}$	
FLT-145	TDI-polyether polyurethane ; PU	$\text{---} \left[ \text{CONHC}_6\text{H}_3(\text{CH}_3)\text{NHCO}(\text{O}(\text{CH}_2)_4\text{O})_m \right]_n \text{---}$	
FLT-146	MDI-polylactone polyurethane ; PU	$\text{---} \left[ \text{CONHC}_6\text{H}_4\text{CH}_2\text{C}_6\text{H}_4\text{NHCO}(\text{O}(\text{CH}_2)_5\text{CO})_m \text{O}(\text{CH}_2)_4\text{O} \right]_n \text{---}$	
FLT-147	Urethane rubber ; U	$\text{---} \left[ \text{CONHC}_6\text{H}_4\text{CH}_2\text{C}_6\text{H}_4\text{NHCO}(\text{O}(\text{CH}_2)_2\text{OCO}(\text{CH}_2)_4\text{CO})_m \text{O}(\text{CH}_2)_2\text{O} \right]_n \text{---}$	
FLT-148	Cellulose		
FLT-149	Methyl cellulose		
FLT-150	Ethyl cellulose		
FLT-151	Cellulose acetate ; CA		
FLT-152	Cellulose acetate propionate (DBP: Additives)	 R=COCH <sub>3</sub> or COC <sub>2</sub> H <sub>5</sub>	
FLT-153	Cellulose acetate butyrate ; CAB	 R=COCH <sub>3</sub> or COC <sub>3</sub> H <sub>7</sub>	
FLT-154	Hydroxyethyl cellulose		

FLT-155	Carboxymethyl cellulose		
FLT-156	Glue		
FLT-157	Shellac		
FLT-158	Chitin		
FLT-159	Chitosan		
FLT-160	Ivory		
FLT-161	Synthetic Lignin		
FLT-162	Wood Powder		
FLT-163	Gluten		
FLT-164	Polysulfide rubber ; T	$\text{---} \left[ \text{CH}_2\text{CH}_2\text{OCH}_2\text{OCH}_2\text{CH}_2\text{SS} \right]_n \text{---}$	
FLT-165	Novon		

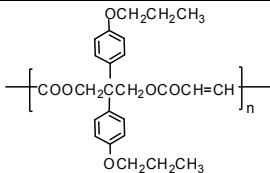
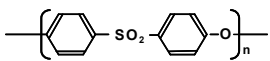
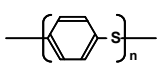
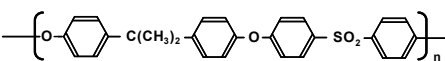
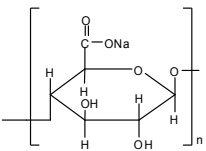
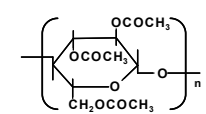
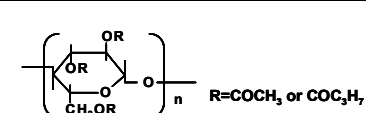
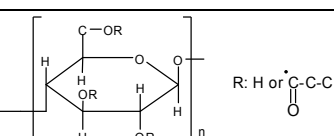
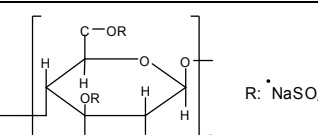
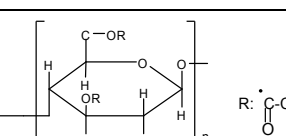
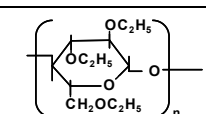
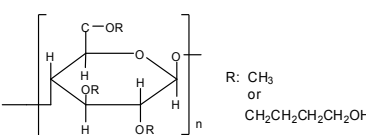
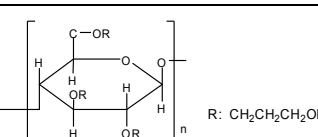


Entry ID	Name	Structure Formula	Newly Added in Ver.3.6
FLG-001	Polyethylene (high density) ; PE(HDPE)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$	
FLG-002	Ethylene-acrylic acid copolymer, 20% acrylic acid ; P(E-AA)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{COOH}) \right\}_m \text{---}$	
FLG-003	Ethylene-maleic anhydride copolymer		
FLG-004	Ethylene-propylene copolymer, 60% ethylene ; P(E-P)	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$	
FLG-005	Ethylene-vinyl acetate copolymer, 14% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$	
FLG-006	Ethylene-vinyl acetate copolymer, 18% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$	
FLG-007	Ethylene-vinyl acetate copolymer, 25% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$	
FLG-008	Ethylene-vinyl acetate copolymer, 28% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$	
FLG-009	Ethylene-vinyl acetate copolymer, 33% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$	
FLG-010	Ethylene-vinyl acetate copolymer, 40% vinyl acetate ; EVA	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \left\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right\}_m \text{---}$	
FLG-011	Polyethylene, oxidized ; Acid number 15mg/KOH/g	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$	
FLG-051	Polypropylene(isotactic) ; iso-PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$	
FLG-052	Polypropylene, chlorinated	$\text{---} \left[ \text{CH}_2\text{CHR} \right]_n \text{---}$ R: H or Cl	
FLG-053	Polybutene-1 (isotactic)	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}_3) \right\}_n \text{---}$	
FLG-054	Poly(4-methyl-1-pentene) ; PMP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_3) \right\}_n \text{---}$	
FLG-101	Polystyrene ; PS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLG-102	Styrene-allyl alcohol copolymer 5.4-6.0% hydroxyl		
FLG-103	Styrene-isoprene copolymer ABA block, 14% styrene		
FLG-104	Styrene-maleic anhydride copolymer 50/50 copolymer ; P(S-Mah)		
FLG-105	Styrene-butadiene copolymer ABA block, 30% styrene		
FLG-106	Styrene-butadiene copolymer ABA block, 85% styrene		
FLG-107	Acrylonitrile styrene copolymer, 20% acrylonitrile ; AS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	

FLG-108	Acrylonitrile styrene copolymer, 25% acrylonitrile ; AS	$\text{---} \left[ \text{CH}_2\text{CH}(\text{CN}) \right]_m \left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n \text{---}$	
FLG-109	Acrylonitrile styrene copolymer, 32% acrylonitrile ; AS	$\text{---} \left[ \text{CH}_2\text{CH}(\text{CN}) \right]_m \left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n \text{---}$	
FLG-110	Acrylonitrile-butadiene-styrene copolymer ; ABS	$\text{---} \left[ \text{CH}_2\text{CH}=\text{CHCH}_2 \right]_x \left[ \left[ \text{CH}_2\text{CH}(\text{CN}) \right]_m \left[ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right]_n \right]_y \text{---}$	
FLG-151	Poly(methylstyrene) ; PMS	$\text{---} \left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{C}_6\text{H}_5) \right]_n \text{---}$	
FLG-201	Polyacrylamide ; PAAM	$\text{---} \left[ \text{CH}_2\text{CH}(\text{CONH}_2) \right]_n \text{---}$	
FLG-202	Polyacrylamide, carboxyl modified Low carboxyl content	$\text{---} \left[ \text{CH}_2\text{CH}(\text{COOH}) \right]_m \left[ \text{CH}_2\text{CH}(\text{CONH}_2) \right]_n \text{---}$	
FLG-203	Polyacrylamide, carboxyl modified High carboxyl content	$\text{---} \left[ \text{CH}_2\text{CH}(\text{COOH}) \right]_m \left[ \text{CH}_2\text{CH}(\text{CONH}_2) \right]_n \text{---}$	
FLG-204	Poly(acrylic acid) ; PAA	$\text{---} \left[ \text{CH}_2\text{CH}(\text{COOH}) \right]_n \text{---}$	
FLG-205	Poly( <i>n</i> -butyl methacrylate) ; PBMA	$\text{---} \left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOC}_4\text{H}_9) \right]_n \text{---}$	
FLG-206	Poly(ethyl methacrylate)	$\text{---} \left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOC}_2\text{H}_5) \right]_n \text{---}$	
FLG-207	Poly(isobutyl methacrylate)	$\text{---} \left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{GOOCH}_2\text{CH}(\text{CH}_3)_2) \right]_n \text{---}$	
FLG-208	Poly(methyl methacrylate) ; PMMA	$\text{---} \left[ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right]_n \text{---}$	
FLG-209	Poly(benzyl methacrylate)	$\text{---} \left[ \text{CH}_2\text{C} \begin{array}{l}   \\ \text{COOCH}_2\text{-} \end{array} \begin{array}{l}   \\ \text{C}_6\text{H}_5 \end{array} \right]_n \text{---}$	
FLG-210	Poly <i>sec</i> -butyl methacrylate	$\text{---} \left[ \text{CH}_2\text{C} \begin{array}{l}   \\ \text{COOCH}(\text{CH}_3)\text{CH}_2\text{CH}_3 \end{array} \right]_n \text{---}$	
FLG-211	Butyl methacrylate-isobutyl methacrylate copolymer	$\text{---} \left[ \text{CH}_2\text{CH}(\text{CH}_3)\text{COO}(\text{CH}_2)_4 \right]_n \left[ \text{CH}_2\text{CH}(\text{CH}_3)\text{COOCH}_2\text{CH}_2(\text{CH}_3)\text{CH}_2 \right]_m \text{---}$	
FLG-251	Poly(vinyl chloride) ; PVC	$\text{---} \left[ \text{CH}_2\text{CHCl} \right]_n \text{---}$	
FLG-252	Poly(vinyl chloride), carboxylated, 1.8% carboxyl	$\text{---} \left[ \text{CH}_2\text{CHR} \right]_n \text{---}$ R: Cl or COOH	
FLG-253	Polyethylene, chlorosulfonated ; CSM	$\text{---} \left[ \text{CH}_2\text{CHCl} \right]_l \left[ \text{CH}(\text{SO}_2\text{Cl}) \right]_m \left[ \text{CHCl} \right]_n \text{---}$	
FLG-254	Vinylidene chloride-vinyl chloride copolymer, 5% vinylidene chloride ; P(VC-VdC)	$\text{---} \left[ \text{CH}_2\text{CHCl} \right]_m \left[ \text{CH}_2\text{CCl}_2 \right]_n \text{---}$	
FLG-255	Vinylidene chloride-acrylonitrile copolymer, 20% acrylonitrile	$\text{---} \left[ \text{CCl}_2\text{CH}_3 \right]_m \left[ \text{CH}_2\text{CH}(\text{CN}) \right]_n \text{---}$	
FLG-256	Vinyl chloride-vinyl acetate copolymer, carboxylated 83% vinyl chloride, 13% vinyl acetate, 1% carboxyl	$\text{---} \left[ \text{CH}_2\text{CHCl} \right]_m \left[ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_n \text{---}$	
FLG-257	Vinyl chloride-vinyl acetate-vinyl alcohol terpolymer, 80% vinyl chloride, 5% vinyl acetate	$\text{---} \left[ \text{CH}_2\text{CHCl} \right]_l \left[ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \left[ \text{CH}_2\text{CH}(\text{OH}) \right]_n \text{---}$	
FLG-258	Vinyl chloride-vinyl acetate-vinyl alcohol terpolymer, 91% vinyl chloride, 6% vinyl acetate	$\text{---} \left[ \text{CH}_2\text{CHCl} \right]_l \left[ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \left[ \text{CH}_2\text{CH}(\text{OH}) \right]_n \text{---}$	
FLG-260	Polyethylene, chlorinated, 36% chlorine	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_m \left[ \text{CH}_2\text{CHCl} \right]_n \text{---}$	
FLG-261	Polyethylene, chlorinated, 42% chlorine	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_m \left[ \text{CH}_2\text{CHCl} \right]_n \text{---}$	

FLG-262	Polyethylene, chlorinated, 48% chlorine	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_m \{ \text{CH}_2\text{CHCl} \}_n\text{---}$	
FLG-263	Vinyl chloride-vinyl acetate copolymer, 2% vinyl acetate ; P(VC-VAc)	$\text{---}\{ \text{CH}_2\text{CHCl} \}_m \{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_n\text{---}$	
FLG-264	Vinyl chloride-vinyl acetate copolymer, 10% vinyl acetate ; P(VC-VAc)	$\text{---}\{ \text{CH}_2\text{CHCl} \}_m \{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_n\text{---}$	
FLG-265	Vinyl chloride-vinyl acetate copolymer, 12% vinyl acetate ; P(VC-VAc)	$\text{---}\{ \text{CH}_2\text{CHCl} \}_m \{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_n\text{---}$	
FLG-266	Vinyl chloride-vinyl acetate copolymer, 17% vinyl acetate ; P(VC-VAc)	$\text{---}\{ \text{CH}_2\text{CHCl} \}_m \{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_n\text{---}$	
FLG-301	Poly(vinyl fluoride) ; PVF	$\text{---}\{ \text{CH}_2\text{CHF} \}_n\text{---}$	
FLG-302	Polytetrafluoroethylene ; PTFE	$\text{---}\{ \text{CF}_2\text{CF}_2 \}_n\text{---}$	
FLG-303	Poly(vinylidene fluoride) ; PVDF	$\text{---}\{ \text{CF}_2\text{CH}_2 \}_n\text{---}$	
FLG-351	Poly(vinyl acetate) ; PVAc	$\text{---}\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_n\text{---}$	
FLG-352	Poly(vinyl butyral) ; PVB	$\text{---}\{ \text{CH}_2\text{CH}(\text{CH}_2\text{CH}(\text{O}-\text{CH}(\text{O}-\text{C}_3\text{H}_7))) \}_n\text{---}$	
FLG-353	Poly(vinyl formal)	$\text{---}\{ \text{CH}_2\text{CH}(\text{O}-\text{CH}_2-\text{O}) \}_n\text{---}$	
FLG-354	Polyvinylpyrrolidone ; PVP	$\left[ \text{CH}_2-\text{CH}(\text{N}-\text{C}_4\text{H}_7\text{C=O}) \right]_n$	
FLG-355	Poly(vinyl stearate)	$\text{---}\{ \text{CH}_2\text{CH}(\text{O}-\text{C}(=\text{O})\text{CH}_2(\text{CH}_2)_{16}\text{CH}_3) \}_n\text{---}$	
FLG-356	Vinyl alcohol-vinyl butyral copolymer, 80% vinyl butyral	$\text{---}\{ \text{CH}_2\text{CH}(\text{OH}) \}_m \{ \text{CH}_2\text{CH}(\text{O}-\text{CH}_2-\text{O}-\text{CH}_2\text{CH}_2\text{CH}_3) \}_n\text{---}$	
FLG-357	N-vinyl pyrrolidone-vinylacetate copolymer, 60/40 copolymer	$\text{---}\{ \text{CH}_2\text{CH}(\text{N}-\text{C}_4\text{H}_7\text{C=O}) \}_m \{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_n\text{---}$	
FLG-358	Poly vinyl benzyl chloride (60/40mixture of <i>m</i> - & <i>p</i> - isomer)	$\text{---}\{ \text{CH}_2\text{C}(\text{C}_6\text{H}_5)\text{CCl} \}_n\text{---}$	
FLG-359	Methyl vinyl ether-maleic acid 50/50 copolymer	$\text{---}\{ \text{CH}_2\text{CH}(\text{OCH}_3) \}_m \{ \text{CH}(\text{COOH})_2 \}_n\text{---}$	
FLG-360	Methyl vinyl ether-maleic anhydride 50/50 copolymer	$\text{---}\{ \text{CH}_2\text{CH}(\text{OCH}_3) \}_m \{ \text{CH}(\text{CO})_2 \}_n\text{---}$	

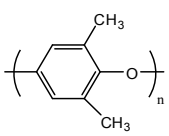
FLG-361	Poly(vinyl alcohol), 99.7% hydrolyzed ; PVA	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{OH}) \right\}_n \text{---}$	
FLG-362	Poly(vinyl alcohol), 88% hydrolyzed ; PVA	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{OH}) \right\}_n \text{---}$	
FLG-401	Polyisoprene, chlorinated	$\text{---} \left[ \text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2 \right]_n \text{---}$ chlorinated	
FLG-451	Polycaproamide ; nylon-6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_5\text{CO} \right\}_n \text{---}$	
FLG-452	Polyhexamethylene adipamide ; nylon-6.6	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$	
FLG-453	Polyhexamethylene nonanediamide ; nylon-6.9	$\text{---} \left[ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_7\text{CO} \right]_n \text{---}$	
FLG-454	Polyhexamethylenecebacamide ; nylon-6.10	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_8\text{CO} \right\}_n \text{---}$	
FLG-455	Polyhexamethylene dodecanediamide ; nylon-6.12	$\text{---} \left[ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_{10}\text{CH} \right]_n \text{---}$	
FLG-456	Polytrimethyl hexamethylene terephthalamide ; nylon-6(3)/T	$\text{---} \left[ \text{NH}(\text{CH}_2)_2\text{CH}(\text{CH}_2)_2\text{C}(\text{CH}_2)_2\text{NHCO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{CO} \right]_n \text{---}$	
FLG-457	Polyundecanoamide ; nylon-11	$\text{---} \left\{ (\text{CH}_2)_{10}\text{CONH} \right\}_n \text{---}$	
FLG-458	Polylauroamide ; nylon-12	$\text{---} \left\{ (\text{CH}_2)_{11}\text{CONH} \right\}_n \text{---}$	
FLG-501	Polyoxymethylene ; POM	$\text{---} \left\{ \text{CH}_2\text{CH}_2\text{O} \right\}_m \left\{ \text{CH}_2\text{O} \right\}_n \text{---}$	
FLG-502	Poly(ethylene oxide)	$\text{---} \left\{ \text{CH}_2\text{CH}_2\text{O} \right\}_n \text{---}$	
FLG-551	Poly(diallyl isophthalate)	$\text{---} \left[ \text{CHCH}_2\text{OCO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2\text{CH} \right]_n \text{---}$	
FLG-552	Poly(diallyl phthalate) resin ; DAP	$\text{---} \left[ \text{CH}_2\text{CHCH}_2\text{OCO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2\text{CHCH}_2 \right]_n \text{---}$	
FLG-601	Polyimide(bensophenone tetracarboxylic anhydride/phenyl diisocyanate)	$\text{---} \left[ \text{N} \text{---} \text{C}_6\text{H}_4 \text{---} \text{C}(=\text{O}) \text{---} \text{C}_6\text{H}_4 \text{---} \text{C}(=\text{O}) \text{---} \text{N} \text{---} \text{C}_6\text{H}_5 \right]_n \text{---}$	
FLG-651	Poly(butylene terephthalate) ; PBT	$\text{---} \left[ \text{OCO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2\text{CH}_2\text{CH}_2\text{CH}_2 \right]_n \text{---}$	
FLG-652	Polycaprolactone	$\text{---} \left[ (\text{CH}_2)_5\text{COO} \right]_n \text{---}$	
FLG-653	Poly(1,4-cyclohexanedimethylene terephthalate)	$\text{---} \left[ \text{oco} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2 \text{---} \text{C}_6\text{H}_{10} \text{---} \text{CH}_2 \right]_n \text{---}$	
FLG-654	Poly(ethylene terephthalate) ; PET	$\text{---} \left[ \text{OCO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2\text{CH}_2 \right]_n \text{---}$	
FLG-701	Phenoxy resin	$\text{---} \left[ \text{O} \text{---} \text{C}_6\text{H}_4 \text{---} \text{C}_6\text{H}_4 \text{---} \text{OCH}_2\text{CCH}_2 \right]_n \text{---}$	
FLG-702	Polycarbonate	$\text{H} \left[ \text{O} \text{---} \text{C}_6\text{H}_4 \text{---} \text{C}(\text{CH}_3)_2 \text{---} \text{C}_6\text{H}_4 \text{---} \text{OCO} \right]_n \text{---} \text{C}_6\text{H}_5$	
FLG-703	Poly(phenylene oxide) ; PPO	$\text{---} \left[ \text{C}_6\text{H}_2(\text{CH}_3)_2\text{O} \right]_n \text{---}$	

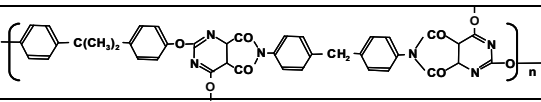
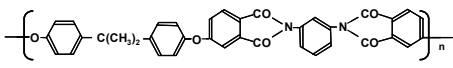
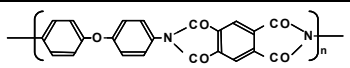
FLG-704	Poly(4,4-dipropoxy-2,2-diphenyl propane fumarate)		
FLG-705	Polyethersulfone ; PESF		
FLG-706	Poly(phenylene sulfide) ; PPS		
FLG-707	Polysulfone ; PSF		
FLG-801	Alginic acid, sodium salt (algin)		
FLG-802	Cellulose acetate ; CA		
FLG-803	Cellulose acetate butyrate ; CAB		
FLG-804	Cellulose propionate		
FLG-805	Cellulose sulfate, sodium salt		
FLG-806	Cellulose triacetate		
FLG-807	Ethyl cellulose		
FLG-808	Hydroxybutyl methyl cellulose		
FLG-809	Hydroxypropyl cellulose		

FLG-810	Hydroxypropyl methyl cellulose	<p>R: CH<sub>3</sub> or CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>OH</p>	
FLG-811	Methyl cellulose ; MC		

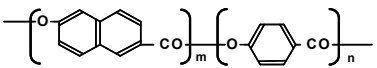
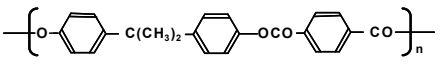
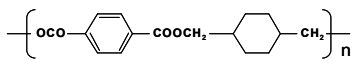
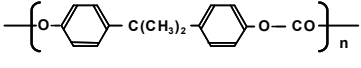
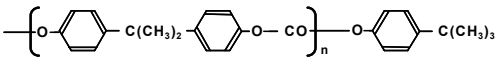
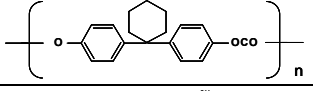
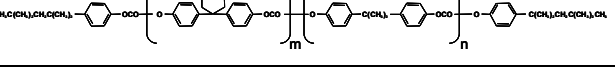
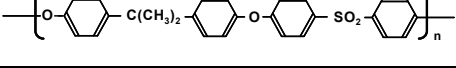
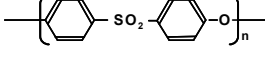
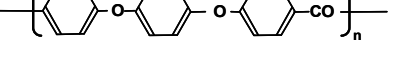
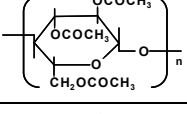
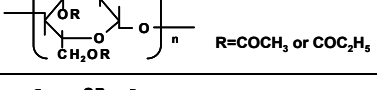
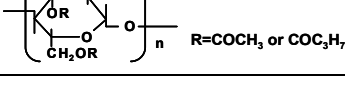
Entry ID	Name	Structure Formula	Newly Added in Ver.3.6
FLY-001	Ethylene Propylene Rubber	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$	
FLY-002	Ethylene Propylene-diene terpolymer	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_l \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_m \left\{ \text{X} \right\}_n \text{---}$ X = diene	
FLY-006	Low Density Polyethylene ; LDPE	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$	
FLY-007	Linear Low Density Polyethylene ; L-LDPE	$\text{---} \left\{ \text{CH}_2\text{CH}_2 \right\}_n \text{---}$	
FLY-008	Ethylene-1-octene copolymer	$\text{---} \left( \text{CH}_2\text{---CH}_2 \right)_m \left[ \text{CH}_2\text{---CH} \left( (\text{CH}_2)_6\text{CH}_3 \right) \right]_n \text{---}$	
FLY-051	Isobutylene-isoprene rubber; IIR	$\text{---} \left\{ \text{CH}_2\text{C}(\text{CH}_3)_2 \right\}_m \left\{ \text{CH}_2\text{C}(\text{CH}_3) = \text{CHCH}_2 \right\}_n \text{---}$	
FLY-053	Polypropylene (random copolymer) ; PP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_3) \right\}_n \text{---}$	
FLY-101	High styrene rubber	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-102	High impact polystyrene ; HIPS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-105	Acrylonitrile-Butadiene-Styrene copolymer ; ABS	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_x \left\{ \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \right\}_y \text{---}$	
FLY-106	Polystyrene (PS 95% or more + additive) ; PS	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-201	Acrylic Rubber ; AR	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{COOC}_2\text{H}_5) \right\}_n \text{---}$	
FLY-202	Poly methyl methacrylate ; PMMA	$\text{---} \left\{ \text{CH}_2\text{C}(\text{CH}_3)(\text{COOCH}_3) \right\}_n \text{---}$	
FLY-251	Chlorinated isobutylene-isoprene rubber ; CIIR		
FLY-252	Chlorosulfonated polyethylene ; CSM	$\text{---} \left\{ \text{CH}_2\text{CHCl} \right\}_l \left\{ \text{CH}(\text{SO}_2\text{Cl}) \right\}_m \left\{ \text{CHCl} \right\}_n \text{---}$	
FLY-304	Tetrafluoroethylene-perfluoropropylvinyl ether copolymer		

FLY-305	Tetrafluoroethylene-ethylene copolymer	$\text{---} \left( \text{CH}_2 - \text{CH}_2 \right)_m \left( \text{CF}_2 - \text{CF}_2 \right)_n$	
FLY-401	High <i>cis</i> -butadiene rubber ; BR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_n \text{---}$	
FLY-402	Acrylonitrile-butadiene-copolymer (Medium High Nitrile) ; NBR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_n \text{---}$	
FLY-403	Hydrogenated acrylonitrile butadiene rubber (Middle High Nitrile) ; HNBR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_2\text{H}_5) \right\}_n \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_o \text{---}$	
FLY-404	Styrene-butadiene copolymer ; SB	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-405	Carboxylated acrylonitrile butadiene rubber (Terpolymer) ; NBR(XNBR)	$\left( \text{CH}_2 - \underset{\text{CN}}{\text{CH}} \right)_1 \left( \text{CH}_2 - \text{CH}=\text{CH} - \text{CH}_2 \right)_m \left( \text{CH}_2 - \underset{\text{COOH}}{\overset{\text{CH}_3}{\text{C}}} \right)_n$	
FLY-406	Styrene-butadiene copolymer ; SB	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-407	Styrene-butadiene solution polymer ; SB	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-408	High nitrile Acrylonitrile Butadiene copolymer ; NBR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_n \text{---}$	
FLY-409	Middle nitrile Acrylonitrile Butadiene copolymer ; NBR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_n \text{---}$	
FLY-410	Low nitrile Acrylonitrile Butadiene copolymer ; NBR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_n \text{---}$	
FLY-411	Acrylonitrile Butadiene Rubber ;NBR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_n \text{---}$	
FLY-412	Blend polymer of Acrylonitrile Butadiene rubber and Poly(vinyl chloride)	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_n \text{---}$ $\text{---} \left\{ \text{CH}_2\text{CHCl} \right\}_n \text{---}$	
FLY-413	Acrylonitrile Butadiene Rubber ; NBR 53% AN	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_1 \left\{ \text{CH}_2\text{CH}(\text{CH}=\text{CH}_2) \right\}_m \left\{ \text{CH}_2\text{CH}(\text{CN}) \right\}_n \text{---}$	
FLY-414	Chloroprene rubber ; CR	$\text{---} \left\{ \text{CH}_2\text{CCl}=\text{CHCH}_2 \right\}_n \text{---}$	
FLY-415	Styrene butadiene block copolymer ; SB	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-416	Styrene butadiene block copolymer ; SB	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-417	Styrene butadiene rubber ; SBR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-418	Styrene butadiene rubber ; SBR	$\text{---} \left\{ \text{CH}_2\text{CH}=\text{CHCH}_2 \right\}_m \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_n \text{---}$	
FLY-419	Hydrogenation styrene butadiene block copolymer	$\left( \text{CH}_2 - \underset{\text{C}_6\text{H}_5}{\text{CH}} \right)_1 \left( \text{CH}_2 - \underset{\text{CH}_2}{\text{CH}} \right)_m \left( \text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2 \right)_n$ $\text{---} \left( \text{CH}_2 - \underset{\text{CH}_3}{\text{CH}} \right)_n \text{---}$	

FLY-451	Polyamide	$\text{---} \left\{ \text{NH}(\text{CH}_2)_6\text{NHCO}(\text{CH}_2)_4\text{CO} \right\}_n \text{---}$	
FLY-501	Epichlorohydrin rubber ; CHR	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{CH}_2\text{Cl})\text{O} \right\}_n \text{---}$	
FLY-502	Polyacetal	$\text{---} \left\{ \text{CH}_2\text{O} \right\}_n \text{---}$	
FLY-551	Solid epoxy resin (The reaction of epichlorohydrin and bisphenol A)	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{O} \text{---} \text{C}(\text{CH}_3)_2 \text{---} \text{OCH}_2\text{CH}(\text{OH})\text{CH}_2\text{N} \text{---} \text{CH}_2 \text{---} \right\}_n \text{---}$	
FLY-701	Polycarbonate(solution method) ; SM-PC	$\text{---} \left\{ \text{O} \text{---} \text{C}(\text{CH}_3)_2 \text{---} \text{O} \text{---} \text{CO} \right\}_n \text{---} \text{O} \text{---} \text{C}(\text{CH}_3)_2 \text{---}$	
FLY-702	Polyphenyleneether		

Entry ID	Name	Structure Formula	Newly Added in Ver.3.6
FLTR-042	Poly(acrylic acid) ; PAA	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{COOH}) \right\}_n \text{---}$	
FLTR-099	Diallyl phthalate resin ; DAP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{COO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2\text{CH}_2) \right\}_n \text{---}$	
FLTR-100	Poly(ethyleneglycol bisallylcarbonate ; CR-39	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{COOCH}_2\text{CH}_2\text{OCH}_2\text{COOCH}_2\text{CH}_2) \right\}_n \text{---}$	
FLTR-104	Unsaturated polyester ; UP	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right\}_m \left\{ \text{CH}(\text{COOCH}_2\text{CH}_2\text{COO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2\text{CH}_2\text{COO}) \right\}_n \text{---}$	
FLTR-105	Epoxy resin	$\text{---} \left\{ \text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{O} \text{---} \text{C}(\text{CH}_3)_2 \text{---} \text{OCH}_2\text{CH}(\text{OH})\text{CH}_2\text{N} \text{---} \text{CH}_2 \text{---} \right\}_n \text{---}$	
FLTR-107	Bismaleimide triazine resin ; BT resin		
FLTR-108	Polyetherimide ; PEI		
FLTR-109	Polypyromellitimide ; PI		
FLTR-110	Polyaminobismaleimide ; PABM	$\text{---} \left\{ \text{CH}_2\text{CO} \text{---} \text{N} \text{---} \text{C}_6\text{H}_4 \text{---} \text{CH}_2 \text{---} \text{N} \text{---} \text{CO} \text{---} \text{CH}_2 \text{---} \text{NH} \text{---} \text{C}_6\text{H}_4 \text{---} \text{NH} \right\}_n \text{---}$	
FLTR-115	Poly(ethylene terephthalate) ; PET	$\text{---} \left\{ \text{OCO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2\text{CH}_2 \right\}_n \text{---}$	
FLTR-116	Poly(butylene terephthalate) ; PBT	$\text{---} \left\{ \text{OCO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{COOCH}_2\text{CH}_2\text{CH}_2\text{CH}_2 \right\}_n \text{---}$	
FLTR-117	Poly(ethylene naphthalate) ; PEN	$\text{---} \left\{ \text{CH}_2\text{CH}_2\text{OCO} \text{---} \text{C}_{10}\text{H}_6 \text{---} \text{COO} \right\}_n \text{---}$	
FLTR-118	Poly(p-hydroxybenzoic acid) ; LCP	$\text{---} \left\{ \text{O} \text{---} \text{C}_6\text{H}_4 \text{---} \text{O} \text{---} \text{CO} \text{---} \text{C}_6\text{H}_4 \text{---} \text{CO} \right\}_m \left\{ \text{O} \text{---} \text{C}_6\text{H}_4 \text{---} \text{CO} \right\}_n \text{---}$	




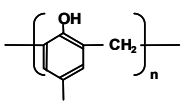
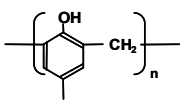
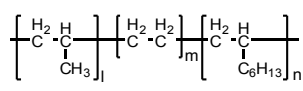
FLTR-119	Poly( <i>p</i> -hydroxybenzoic acid) ; LCP		
FLTR-120	Polyarylate ; PAR		
FLTR-121	Poly(1,4-cyclohexane dimethylene terephthalate)		
FLTR-122	Poly(lactic acid) ; PLA	$\left[ \text{CH}(\text{CH}_3)\text{COO} \right]_n$	
FLTR-123	Poly(epsilon-caprolactone) ; PCL	$\left[ (\text{CH}_2)_5\text{COO} \right]_n$	
FLTR-124	Poly(butylenes succinate/adipate) ; PBSA	$\left[ \text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_2\text{CO} \right]_1 \left[ \text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_4\text{CO} \right]_m \left[ \text{O}(\text{CH}_2)_4\text{CONH}(\text{CH}_2)_6\text{NHCO} \right]_n$	
FLTR-125	Poly(3-hydroxy butyric acid) ; PHB	$\text{H} \left[ \text{OCHCH}_3\text{CH}_2\text{CO} \right]_n \text{OH}$	
FLTR-126	Poly(butylenes succinate/carbonate) ; PEC	$\left[ \text{O}(\text{CH}_2)_4\text{OCO}(\text{CH}_2)_2\text{CO} \right]_n \left[ \text{O}(\text{CH}_2)_4\text{OCO} \right]_m$	
FLTR-127	Polycarbonate (melt method) ; MM-PC		
FLTR-128	Polycarbonate (solvent method) ; SM-PC		
FLTR-129	Bisphenol Z polycarbonate		
FLTR-130	Polycarbonate (thermally stabilized)		
FLTR-132	Polysulfone ; PSF		
FLTR-135	Polyethersulfone ; PESF		
FLTR-136	Poly(ether ether ketone) ; PEEK		
FLTR-147	Cellulose acetate ; CA		
FLTR-148	Cellulose acetate propionate (DBP: Additives)	 R=COCH <sub>3</sub> or COC <sub>2</sub> H <sub>5</sub>	
FLTR-149	Cellulose acetate butyrate ; CAB	 R=COCH <sub>3</sub> or COC <sub>3</sub> H <sub>7</sub>	
FLTR-158	Shellac		
FLTR-162	Synthetic Lignin		

Entry ID	Name	Structure Formula	Newly Added in Ver.3.6
FLK-001	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=54.5/33.0/12.5]		
FLK-002	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=60.0/25.5/14.5]		
FLK-003	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=57.5/25.0/17.5]		
FLK-004	Acrylonitrile-butadiene-styrene copolymer ; ABS [ST/AN/PBD(%)=52.0/30.0/18.0]		
FLK-005	Acrylonitrile-butadiene-styrene terpolymer ; ABS [low cis-type PBD]		✓
FLK-006	Acrylonitrile-butadiene-styrene terpolymer ; ABS		✓
FLK-007	Acrylonitrile-ethylene-styrene terpolymer ; AES [EPDM]	$\left[ \left( \text{CH}_2\text{CH}_2 \right)_p \left( \text{CH}_2\text{CH}(\text{CH}_3) \right)_q \left( \text{X} \right)_r \right]_x \left[ \left( \text{CH}_2\text{CH}(\text{CN}) \right)_m \left( \text{CH}_2\text{CH}(\text{C}_6\text{H}_5) \right)_n \right]_y$ X = diene	✓
FLK-008	Acrylonitrile-styrene-acrylate terpolymer ; ASA		✓
FLK-009	Acrylonitrile-butadiene-styrene terpolymer ; ABS [acrylate co-polymerized at AS phase]		✓
FLK-010	Acrylonitrile-butadiene-styrene terpolymer ; ABS [alpha-methyl styrene co-polymerized at AS phase]		✓
FLK-011	Acrylonitrile-butadiene-styrene-N-phenyl maleimide tetrapolymer ; ABS/PMI		✓
FLK-012	Acrylonitrile-butadiene-styrene-N-phenyl maleimide tetrapolymer ; ABS/PMI		✓
FLK-013	Styrene-N-phenylmaleimide-maleic anhydride terpolymer ; S/NPM/MAH		✓
FLK-014	Styrene-N-phenylmaleimide copolymer ; S/NPM		✓
FLK-015	ABS [41.5% Rubber/25.6% acrylonitrile (matrix AS)]		✓

FLK-016	AS [24.5%AN, relative viscosity: 0.6]	$\left[ \text{CH}_2-\underset{\text{CN}}{\text{CH}} \right]_l \left[ \text{CH}_2-\text{CH}=\text{CH}-\text{CH}_2 \right]_m \left[ \text{CH}_2-\underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_n$	✓
FLK-017	Polybutylene succinate ; PBS	$\left[ \text{CO}(\text{CH}_2)_2\text{COO}(\text{CH}_2)_4\text{O} \right]_n$	✓
FLK-018	Polybutylene succinate ; PBS	$\left[ \text{CO}(\text{CH}_2)_2\text{COO}(\text{CH}_2)_4\text{O} \right]_n$	✓
FLK-019	Poly (butylene succinate / adipate) ; PBSA	$\left[ \text{O}-(\text{CH}_2)_4-\text{OCO}-(\text{CH}_2)_2-\text{CO} \right]_m \left[ \text{O}-(\text{CH}_2)_4-\text{OCO}-(\text{CH}_2)_4-\text{CO} \right]_n$	✓
FLK-020	Poly(3-hydroxy butyrate-co-3-hydroxy valerate)	$\left[ \text{COCH}_2\text{CH}(\text{CH}_3)\text{O} \right]_m \left[ \text{COCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{O} \right]_n$	
FLK-021	Poly(3-hydroxy butyrate-co-3-hydroxy valerate)	$\left[ \text{COCH}_2\text{CH}(\text{CH}_3)\text{O} \right]_m \left[ \text{COCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{O} \right]_n$	✓
FLK-022	Poly(L-lactic acid) ; PLLA	$\left[ \text{COCHCH}_3\text{O} \right]_m$	
FLK-023	Polybutylene adipate terephthalate	$\left[ \text{CO}-\text{C}_6\text{H}_4-\text{COO}(\text{CH}_2)_4\text{O} \right]_m \left[ \text{CO}(\text{CH}_2)_4\text{COO}(\text{CH}_2)_4\text{O} \right]_n$	✓
FLK-024	Low density polyethylene ; LDPE [High pressure method, 0.7MI/0.924D]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓
FLK-025	Ultra high molecular weight-high density polyethylene ; UHMW-HDPE [Cr-Cat., 0.04MI/0.957D]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓
FLK-026	Ultra high molecular weight-high density polyethylene ; UHMW-HDPE [Ti-Cat., 0.03MI/0.955D]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓
FLK-027	High density polyethylene ; HDPE [Cr-Cat., 0.3MI/0.945D, co-polymerized with 1-hexene]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓
FLK-028	High density polyethylene ; HDPE [Ti-Cat., 0.35MI/0.953D, co-polymerized with 1-butene]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓
FLK-029	High density polyethylene ; HDPE [Ti-Cat., 1.0MI/0.950D, co-polymerized with propylene]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓
FLK-030	High density polyethylene ; HDPE [Ti-Cat., 1.0MI/0.960D, homo polymer]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓
FLK-031	Medium density polyethylene ; MDPE [Cr-Cat., 0.2MI/0.935D, co-polymerized with 1-hexene]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓

FLK-032	Medium density polyethylene ; MDPE [Cr-Cat., 0.2MI/0.940D, co-polymerized with 1-hexene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-033	Linear low density polyethylene ; L-LDPE [Ti-Cat., 2.1MI/0.920D, co-polymerized with 1-butene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-034	Linear low density polyethylene ; L-LDPE [Ti-Cat., 2.0MI/0.920D, co-polymerized with 1-hexane]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-035	Linear low density polyethylene ; L-LDPE [Ti-Cat., 2.1MI/0.920D, co-polymerized with 4-methyl-1-pentene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-036	Linear low density polyethylene ; L-LDPE [Ti-Cat., 1.0MI/0.926D, co-polymerized with 1-octene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-037	Linear low density polyethylene ; L-LDPE [Metallocene-Cat., 2.2MI/0.910D, co-polymerized with 1-hexene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-038	Linear low density polyethylene ; L-LDPE [Metallocene-Cat., 2.0MI/0.916D, co-polymerized with 1-hexene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-039	Linear low density polyethylene ; L-LDPE [Metallocene-Cat., 1.0MI/0.916D, co-polymerized with 1-octene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-040	Very low density polyethylene ; V-LDPE [Metallocene-Cat., 3.5MI/0.900D, co-polymerized with 1-hexene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-041	Very low density polyethylene ; V-LDPE [Metallocene-Cat., 1.0MI/0.905D, co-polymerized with 1-octene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-042	Very low density polyethylene ; V-LDPE [Ti-Cat., 0.5MI/0.900D, co-polymerized with 1-hexene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-043	Super low density polyethylene ; SVLDPE [Metallocene-Cat., 3.5MI/0.880D, co-polymerized with 1-hexene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-044	Super low density polyethylene ; SVLDPE [Metallocene-Cat., 5.0MI/0.870D, co-polymerized with 1-octene]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓
FLK-045	Poly(ethylene-vinyl silane)	$\text{---}\left[ \text{CH}_2\text{-CH}_2 \right]_m \left[ \text{CH}_2\text{-CH} \begin{array}{c}   \\ \text{Si}(\text{OR})_3 \end{array} \right]_n$ R = CH <sub>3</sub> or C <sub>2</sub> H <sub>5</sub>	✓
FLK-046	Low molecular weight-poly(ethylene-vinyl acetate) ; LMW EVA [12-16%VAc]	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n \text{---}\{ \text{CH}_2\text{CH}(\text{OCOCH}_3) \}_m\text{---}$	✓
FLK-047	Low molecular weight-polyethylene ; LMW PE	$\text{---}\{ \text{CH}_2\text{CH}_2 \}_n\text{---}$	✓

FLK-048	Low molecular weight-polyethylene, oxidized ; LMW Oxidized-PE	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_n \text{---}$	✓
FLK-049	Poly(ethylene-co-methyl acrylate) ; EMA [MA; 9wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_m \text{---} \left[ \text{CH}_2\text{CHCOOCH}_3 \right]_n \text{---}$	✓
FLK-050	Poly(ethylene-co-methyl acrylate) ; EMA [MA; 29wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_m \text{---} \left[ \text{CH}_2\text{CHCOOCH}_3 \right]_n \text{---}$	✓
FLK-051	Poly(ethylene-co-ethyl acrylate) ; EEA [EA; 18wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_m \text{---} \left[ \text{CH}_2\text{CHCOOC}_2\text{H}_5 \right]_n \text{---}$	✓
FLK-052	Poly(ethylene-co-butyl acrylate) ; EBA [BA; 7wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_m \text{---} \left[ \text{CH}_2\text{CHCOOC}_4\text{H}_9 \right]_n \text{---}$	✓
FLK-053	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 9wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_n \text{---} \left[ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \text{---}$	✓
FLK-054	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 14wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_n \text{---} \left[ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \text{---}$	✓
FLK-055	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 18wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_n \text{---} \left[ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \text{---}$	✓
FLK-056	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 25wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_n \text{---} \left[ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \text{---}$	✓
FLK-057	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 33wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_n \text{---} \left[ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \text{---}$	✓
FLK-058	Poly(ethylene-co-vinyl acetate) ; EVA [Vac; 40wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_n \text{---} \left[ \text{CH}_2\text{CH}(\text{OCOCH}_3) \right]_m \text{---}$	✓
FLK-059	Poly(ethylene-co-acrylic acid) ; EAA [AA; 10wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_n \text{---} \left[ \text{CH}_2\text{CH}(\text{COOH}) \right]_m \text{---}$	✓
FLK-060	Poly(ethylene-co-acrylic acid), zinc salt ; Zn-EAA [AA; 10wt%]	$\left[ \begin{array}{c} \text{H}_2 \quad \text{H}_2 \\   \quad   \\ \text{---C---C---} \\   \quad   \\ \text{H}_2 \quad \text{H} \\   \quad   \\ \text{C---C---} \\   \quad   \\ \text{O} \quad \text{OR} \end{array} \right]_m \left[ \begin{array}{c} \text{H}_2 \quad \text{H} \\   \quad   \\ \text{---C---C---} \\   \quad   \\ \text{O} \quad \text{OR} \end{array} \right]_n \quad \text{R = H or } 1/2 \text{ Zn}$	✓
FLK-061	Poly(ethylene-co-acrylic acid), sodium salt ; Na-EAA [AA; 15wt%]	$\left[ \begin{array}{c} \text{H}_2 \quad \text{H}_2 \\   \quad   \\ \text{---C---C---} \\   \quad   \\ \text{H}_2 \quad \text{H} \\   \quad   \\ \text{C---C---} \\   \quad   \\ \text{O} \quad \text{OR} \end{array} \right]_m \left[ \begin{array}{c} \text{H}_2 \quad \text{H} \\   \quad   \\ \text{---C---C---} \\   \quad   \\ \text{O} \quad \text{OR} \end{array} \right]_n \quad \text{R = H or Na}$	✓
FLK-062	Poly(ethylene-co-methacrylic acid) ; EMAA [MAA; 10wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_m \text{---} \left[ \begin{array}{c} \text{CH}_3 \\   \\ \text{CH}_2\text{C---} \\   \quad   \\ \text{O}=\text{C} \quad \text{OH} \end{array} \right]_n \text{---}$	✓
FLK-063	Polyethylene-graft-maleic anhydride [maleic anhydride; 0.4wt%]	$\text{---} \left[ \text{CH}_2\text{CH}_2 \right]_m \text{---} \left[ \text{CH}_2\text{CH} \right]_n \text{---}$ 	✓

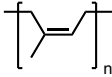
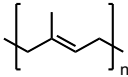
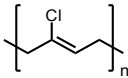
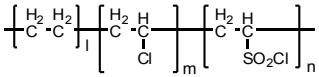
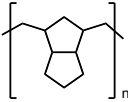
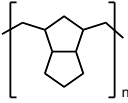
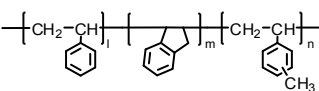
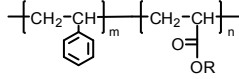
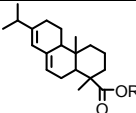
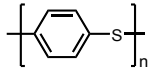
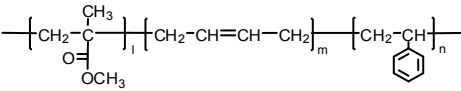
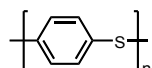
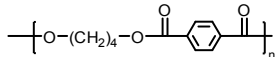
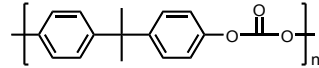
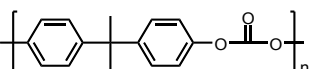
FLK-064	Poly(vinyl alcohol-co-ethylene) [Et; 27mol%(May contain VAc; 0.7%)]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_m\left\{\text{CH}_2\text{CH}(\text{OH})\right\}_n\text{---}$	✓
FLK-065	Medium density polyethylene ; MDPE [Ti-Cat., co-polymerized with 1-butene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	✓
FLK-066	Medium density polyethylene ; MDPE [Ti-Cat., co-polymerized with 4-methyl-1-pentene]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_n\text{---}$	✓
FLK-067	Phenol formaldehyde resin ; PF		✓
FLK-068	Phenol formaldehyde resin ; PF [include 4,4'-dihydroxydiphenylmethane]		✓
FLK-069	Polypropylene ; PP [homo polymer, 5.0MI/160CTm]	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_n\text{---}$	✓
FLK-070	Polypropylene ; PP [Et(4.5%)-random copolymer, 6.0MI/140CTm]	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_n\text{---}$	✓
FLK-071	Polypropylene ; PP [Et(2.1%)/Bu(7.5%)-random terpolymer, 5.3MI/137CTm]	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_n\text{---}$	✓
FLK-072	Polypropylene ; PP [Bu(8.5%)-random copolymer, 8.0MI/152CTm]	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_n\text{---}$	✓
FLK-073	Polypropylene ; PP [Metallocene-Cat., Et-random copolymer, 7.0MI/125CTm]	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_n\text{---}$	✓
FLK-074	Polypropylene ; PP [Block copolymer (dispersion phase: 14%, EPR: small amount)]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_m\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_n\text{---}$	✓
FLK-075	Polypropylene ; PP [Block copolymer (dispersion phase: 25%, EPR: large amount)]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_m\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_n\text{---}$	✓
FLK-076	Polypropylene ; PP [Block copolymer (dispersion phase: 15%, EPR: medium amount)]	$\text{---}\left\{\text{CH}_2\text{CH}_2\right\}_m\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_n\text{---}$	✓
FLK-077	Polypropylene/polyethylene-octene ; PP/POE [Block copolymer (dispersion phase POE: 30%)]	$\left[\text{C}^{\text{H}_2}\text{-C}^{\text{H}}\right]_l\left[\text{C}^{\text{H}_2}\text{-C}^{\text{H}_2}\right]_m\left[\text{C}^{\text{H}_2}\text{-C}^{\text{H}}\right]_n$ 	✓
FLK-078	Polypropylene, reactor thermoplastic polyolefin ; PP [TPO]	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_n\text{---}$	✓
FLK-079	Polypropylene, reactor thermoplastic polyolefin ; PP [TPO]	$\text{---}\left\{\text{CH}_2\text{CH}(\text{CH}_3)\right\}_n\text{---}$	✓

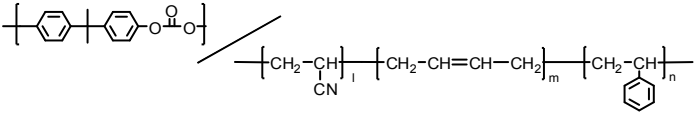
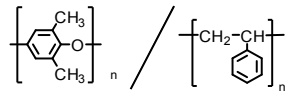
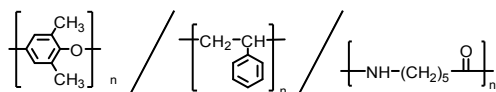
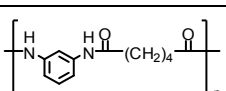
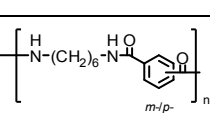
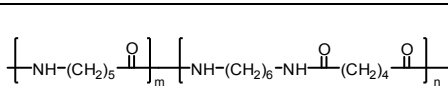
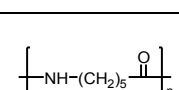
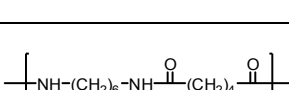
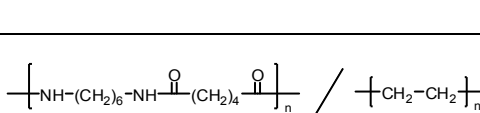
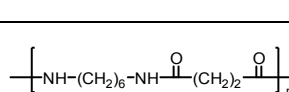
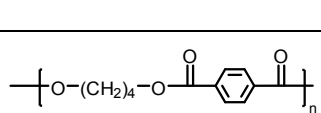
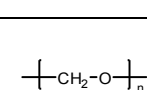
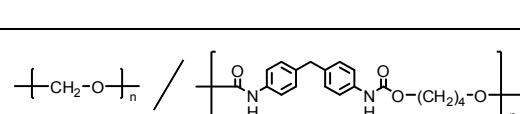
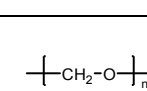
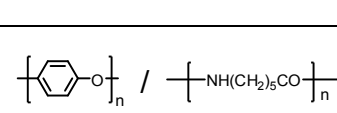
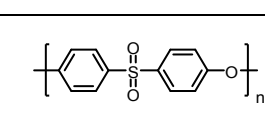
FLK-080	Polypropylene, homopolymer, atactic ; PP [Homopolymer, atactic]	$\text{---} \left[ \text{CH}_2\text{CH}(\text{CH}_3) \right]_n \text{---}$	✓
FLK-081	Polypropylene, block copolymer, atactic ; PP [Block copolymer, atactic]	$\text{---} \left[ \text{CH}_2\text{CH}(\text{CH}_3) \right]_n \text{---}$	✓
FLK-082	General purpose polystyrene ; PS [GPPS]	$\text{---} \left[ \text{CH}_2\text{---} \underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_n \text{---}$	✓
FLK-083	High impact polystyrene ; HIPS	$\text{---} \left[ \text{CH}_2\text{---} \underset{\text{C}_6\text{H}_4}{\text{CH}} \right]_n \text{---}$	✓
FLK-084	Vinyl chloride-ethylene copolymer ; VC/E	$\left[ \begin{array}{c} \text{H}_2\text{---C} \\   \\ \text{C} \\   \\ \text{Cl} \end{array} \right]_m \left[ \begin{array}{c} \text{H}_2\text{---C} \\   \\ \text{C} \\   \\ \text{H}_2 \end{array} \right]_n$	✓
FLK-085	Vinyl chloride-vinyl acetate copolymer ; VC/A	$\left[ \begin{array}{c} \text{H}_2\text{---C} \\   \\ \text{C} \\   \\ \text{Cl} \end{array} \right]_m \left[ \begin{array}{c} \text{H}_2\text{---C} \\   \\ \text{C} \\   \\ \text{O} \\    \\ \text{CH}_3 \end{array} \right]_n$	✓
FLK-086	Polyvinylidene difluoride ; PVDF [Homo polymer, wide-MW distribution]	$\left[ \begin{array}{c} \text{H}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_n$	✓
FLK-087	Polyvinylidene difluoride ; PVDF [Homo polymer, narrow-MW distribution]	$\left[ \begin{array}{c} \text{H}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_n$	✓
FLK-088	Vinylidene difluoride- hexafluoropropylene copolymer ; P(VDF-HFP)	$\left[ \begin{array}{c} \text{H}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_m \left[ \begin{array}{c} \text{F}_2\text{---F} \\   \\ \text{C} \\   \\ \text{CF}_3 \end{array} \right]_n$	✓
FLK-089	Vinylidene difluoride- tetrafluoroethylene copolymer ; P(VDF-TFE)	$\left[ \begin{array}{c} \text{H}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_m \left[ \begin{array}{c} \text{F}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_n$	✓
FLK-090	Vinylidene difluoride- tetrafluoroethylene-hexafluoropropene terpolymer ; P(VDF-TFE-HFP)	$\left[ \begin{array}{c} \text{H}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_l \left[ \begin{array}{c} \text{F}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_m \left[ \begin{array}{c} \text{F}_2\text{---F} \\   \\ \text{C} \\   \\ \text{CF}_3 \end{array} \right]_n$	✓
FLK-091	Polyvinylidene difluoride ; PVDF	$\left[ \begin{array}{c} \text{H}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_n$	✓
FLK-092	Vinylidene difluoride- hexafluoropropene copolymer ; P(VDF-HFP)	$\left[ \begin{array}{c} \text{H}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_m \left[ \begin{array}{c} \text{F}_2\text{---F} \\   \\ \text{C} \\   \\ \text{CF}_3 \end{array} \right]_n$	✓
FLK-093	Polytetrafluoroethylene ; PTFE	$\left[ \begin{array}{c} \text{F}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_n$	✓
FLK-094	Ethylene-tetrafluoroethylene copolymer ; ETFE	$\left[ \begin{array}{c} \text{H}_2\text{---H}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_m \left[ \begin{array}{c} \text{F}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_n$	✓
FLK-095	Perfluoroalkoxy alkane ; PFA	$\left[ \begin{array}{c} \text{F}_2\text{---F}_2 \\   \\ \text{C} \\   \\ \text{C} \end{array} \right]_m \left[ \begin{array}{c} \text{F}_2\text{---F} \\   \\ \text{C} \\   \\ \text{O} \\   \\ \text{C}_n\text{F}_{2n+1} \end{array} \right]_n$	✓

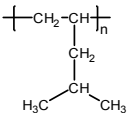
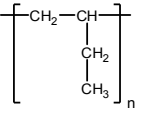
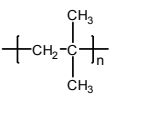
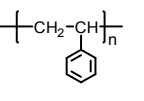
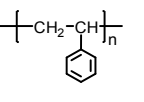
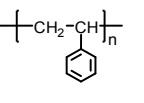
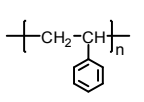
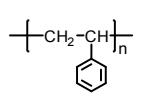
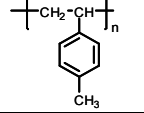
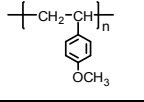
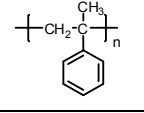
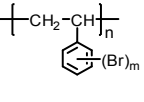
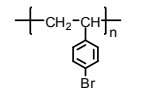
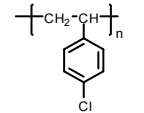
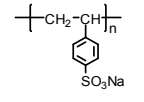
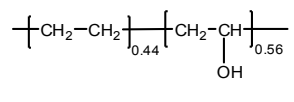
FLK-096	Tetrafluoroethylene-propylene copolymer ; P(TFE/P) [unvulcanized]	$\left[ \text{C} \begin{array}{c} \text{F}_2 \\ \text{F}_2 \\ \text{---} \\ \text{C} \end{array} \right]_m \left[ \text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{---} \\ \text{C} \\ \text{CH}_3 \end{array} \right]_n$	✓
FLK-097	Tetrafluoroethylene-propylene copolymer ; P(TFE/P)	$\left[ \text{C} \begin{array}{c} \text{F}_2 \\ \text{F}_2 \\ \text{---} \\ \text{C} \end{array} \right]_m \left[ \text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{---} \\ \text{C} \\ \text{CH}_3 \end{array} \right]_n$	✓
FLK-098	Tetrafluoroethylene-propylene-vinylidene difluoride terpolymer ; P(TFE/P/VDF) [unvulcanized]	$\left[ \text{C} \begin{array}{c} \text{F}_2 \\ \text{F}_2 \\ \text{---} \\ \text{C} \end{array} \right]_l \left[ \text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{---} \\ \text{C} \\ \text{CH}_3 \end{array} \right]_m \left[ \text{C} \begin{array}{c} \text{H}_2 \\ \text{F}_2 \\ \text{---} \\ \text{C} \end{array} \right]_n$	✓
FLK-099	Polypropylene-polyethylene block copolymer ; PP-b-PE	$\left[ \text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{---} \\ \text{C} \\ \text{CH}_3 \end{array} \right]_m \left[ \text{C} \begin{array}{c} \text{H}_2 \\ \text{H}_2 \\ \text{---} \\ \text{C} \end{array} \right]_n$	✓
FLK-100	Polypropylene-polyethylene block copolymer ; PP-b-PE	$\left[ \text{C} \begin{array}{c} \text{H}_2 \\ \text{H} \\ \text{---} \\ \text{C} \\ \text{CH}_3 \end{array} \right]_m \left[ \text{C} \begin{array}{c} \text{H}_2 \\ \text{H}_2 \\ \text{---} \\ \text{C} \end{array} \right]_n$	✓
FLK-101	Thermoplastic olefin ; TPO		✓
FLK-102	Thermoplastic olefin ; TPO		✓
FLK-103	Thermoplastic polyester elastomer ; TPEE		✓
FLK-104	Hydrogenated styrene-butadiene rubber ; HSBR [St; 10wt%]	$\left[ \text{CH}_2\text{-CH}_2\text{-CH}_2\text{-CH}_2 \right]_m \left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{C}_6\text{H}_5 \end{array} \right]_n$	✓
FLK-105	Styrene-butadiene-styrene block copolymer ; SBS [St; 29.5wt%]	$\left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{C}_6\text{H}_5 \end{array} \right]_l \left[ \text{CH}_2\text{-CH=CH-CH}_2 \right]_m \left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{C}_6\text{H}_5 \end{array} \right]_n$	✓
FLK-106	Styrene-isoprene-styrene block copolymer ; SIS [St; 15wt%]	$\left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{C}_6\text{H}_5 \end{array} \right]_l \left[ \text{CH}_2\text{-C} \begin{array}{c} \text{---} \\ \text{CH} \\ \text{---} \\ \text{CH}_3 \end{array} \text{-CH}_2 \right]_m \left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{C}_6\text{H}_5 \end{array} \right]_n$	✓
FLK-107	Styrene-ethylene/butylene-styrene block copolymer ; SEBS [St; 30wt%]	$\left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{C}_6\text{H}_5 \end{array} \right]_l \left[ \text{CH}_2\text{-CH}_2 \right]_m \left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{C}_2\text{H}_5 \end{array} \right]_n \left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{C}_6\text{H}_5 \end{array} \right]_o$	✓
FLK-108	Styrene-ethylene/propylene-styrene block copolymer ; SEPS [St; 30wt%]	$\left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{C}_6\text{H}_5 \end{array} \right]_l \left[ \text{CH}_2\text{-CH}_2 \right]_m \left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{CH}_3 \end{array} \right]_n \left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{C}_6\text{H}_5 \end{array} \right]_o$	✓
FLK-109	Polyvinyl chloride thermoplastic elastomer ; TPVC		✓
FLK-110	Thermoplastic vulcanizate ; TPV		✓
FLK-111	Ethylene-propylene rubber ; EPM [Et; 52wt%]	$\left[ \text{CH}_2\text{-CH}_2 \right]_{0.52} \left[ \text{CH}_2\text{-CH} \begin{array}{c} \text{---} \\ \text{CH}_3 \end{array} \right]_{0.48}$	✓



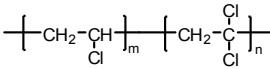
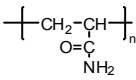
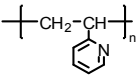
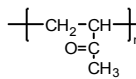
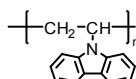
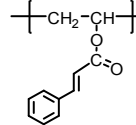
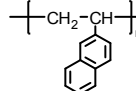
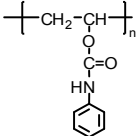
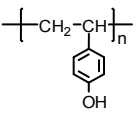
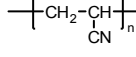
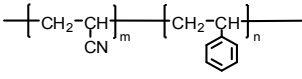
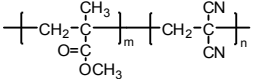
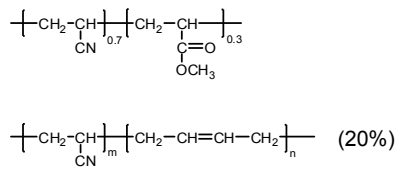
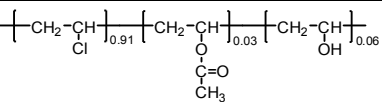
FLK-112	Ethylene-propylene-diene rubber ; EPDM [Et; 61wt%, ethylidene norbornene (ENB); 5.8wt%]		✓
FLK-113	Ethylene-propylene-diene rubber ; EPDM [Et; 54wt%, ethylidene norbornene (ENB); 4.5wt%]		✓
FLK-115	Ethylene-propylene-diene rubber ; EPDM [Et; 52wt%, ethylidene norbornene (ENB); 8.1wt%]		✓
FLK-116	Ethylene-propylene-diene rubber ; EPDM [Et; 54wt%, ethylidene norbornene (ENB); 9.0wt%]		✓
FLK-117	Ethylene-propylene-diene rubber ; EPDM		✓
FLK-118	Polybutadiene ; high-cis BR [cis-1,4; 95%]		✓
FLK-119	Polybutadiene ; BR		✓
FLK-120	Polybutadiene ; BR		✓
FLK-121	Solution polymerized styrene-butadiene rubber ; S-SBR [St;23.5%]		✓
FLK-122	Solution polymerized styrene-butadiene rubber ; S-SBR		✓
FLK-123	Emulsion polymerized styrene-butadiene rubber ; E-SBR [st; 23.5wt%]		✓
FLK-124	Emulsion polymerized styrene-butadiene rubber ; E-SBR [st; 35wt%, oil-extended, black]		✓
FLK-125	Emulsion polymerized styrene-butadiene rubber ; E-SBR [st; 23.5wt%, oil-extended, black]		✓
FLK-126	Poly(propylene-alt-ethylene),multi-arm		✓
FLK-127	Ethylene-propylene-5-methylene-2-norbornene terpolymer ; [Et; 50wt%, 5-Me-2-nor; 8wt%]		✓
FLK-128	Isoprene rubber ; IR [cis]		✓

FLK-129	Natural rubber ; NR		✓
FLK-130	Isoprene rubber ; IR [trans]		✓
FLK-131	Chloroprene rubber ; CR		✓
FLK-132	Chlorosulfonated polyethylene ; CSM [Cl; 35%, S; 1.0%]		✓
FLK-133	Cyclo-olefin polymer ; Poly(dicyclopentadiene) ; COP		✓
FLK-134	Cyclo-olefin polymer ; Poly(dicyclopentadiene) ; COP		✓
FLK-135	C9 Hydrocarbon resin ; Styrene- indene-vinyltoluene terpolymer		✓
FLK-136	Styrene-acrylate copolymer		✓
FLK-137	Rosin ester		✓
FLK-138	Polyphenylene sulfide ; PPS [branch]		✓
FLK-139	Methyl methacrylate-butadiene- styrene copolymer ; MBS		✓
FLK-140	Polyphenylene sulfide ; PPS		✓
FLK-141	Polybutylene terephthalate ; PBT		✓
FLK-142	Polycarbonate ; PC		✓
FLK-143	Polycarbonate-polyester ; PC/Polyester		✓
FLK-144	Polycarbonate ; PC [Carbon fibre reinforced]		✓

FLK-145	Polycarbonate (acrylonitrile-butadiene-styrene-blended) ; PC (ABS-blended)		✓
FLK-146	Polyphenylene ether (high impact polystyrene-blended) ; PPE (HIPS-blended)		✓
FLK-147	Polyphenylene ether (polystyrene, Nylon 6-blended) ; PPE (PS-PA6-blended)		✓
FLK-148	Poly(m-phenylene adipamide) ; Poly[(m-phenylenediamine)-alt-(adipic acid)] ; PA-MXD6 [glass fibre reinforced]		✓
FLK-149	Poly(hexamethylene iso-/terephthalamide) ; Nylon 6I/6T ; PA 6I/6T		✓
FLK-150	Epsilon-caprolactam-hexamethylene adipamide copolymer ; Nylon 6/66 ; PA 6/66		✓
FLK-151	Polycaprolactam ; Nylon-6 ; PA6		✓
FLK-152	Poly(hexamethylene adipamide) ; Nylon-6,6 ; PA66		✓
FLK-153	Poly(hexamethylene adipamide) [high-MW polyethylene-blended] ; Nylon-6,6 [HMWPE-blended] ; PA66 [HMWPE-blended]		✓
FLK-155	Poly(hexamethylene succinamide) ; Nylon-4,6 ; PA46		✓
FLK-157	Polybutylene terephthalate ; PBT		✓
FLK-158	Polyacetal ; Poly(oxymethylene) ; POM [end-capped]		✓
FLK-159	Polyacetal (methylene diphenyl diisocyanate-butandiol copolymer blended) ; POM (MDI-butandiol copolymer blended)		✓
FLK-160	Polyacetal ; Poly(oxymethylene) ; POM		✓
FLK-161	Polyphenylene ether (Nylon 6-blended) ; PPE (PA6-blended)		✓
FLK-162	Polyethersulfone ; PES		✓

FLK-163	Poly(4-methyl pentene-1) ; PMP		
FLK-164	Polybutylene ; Polybutene-1; PB-1		✓
FLK-165	Polyisobutylene ; PIB		
FLK-166	Polystyrene (Atactic) ; PS		
FLK-167	Polystyrene (Isotactic(iso;90%,Mw;415k)) ; PS		
FLK-168	Polystyrene (Syndiotactic(Mw;1200k)) ; PS		
FLK-169	High impact polystyrene ; HIPS [low-cis type]		✓
FLK-170	High impact polystyrene ; HIPS [high-cis type]		✓
FLK-171	Poly(p-methylstyrene) ; Poly(4-methylstyrene) ; PMS		✓
FLK-172	Poly-4-methoxystyrene		
FLK-173	Poly(alpha-methylstyrene) [Mw: 650,000]		✓
FLK-174	Brominated Polystyrene		
FLK-175	Poly(4-bromostyrene)		
FLK-176	Poly(4-chlorostyrene)		✓
FLK-177	Poly(sodium 4-styrenesulfonate)		
FLK-178	Ethylene-vinyl alcohol copolymer ; EVOH [Et: 44mol%]		✓

FLK-179	Ethylene-vinyl alcohol copolymer ; EVOH [Et: 32mol%]	$\left[ \text{CH}_2-\text{CH}_2 \right]_{0.32} \left[ \text{CH}_2-\underset{\text{OH}}{\text{CH}} \right]_{0.68}$	✓
FLK-180	Poly(vinyl butyrate) (DB;25mol%) ; PVB	$\left[ \text{CH}_2-\underset{\text{OH}}{\text{CH}} \right]_{0.75} \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{C}_3\text{H}_7 \end{array}}{\text{CH}} \right]_{0.25}$	
FLK-181	Poly(vinyl butyrate) (DB;50mol%) ; PVB	$\left[ \text{CH}_2-\underset{\text{OH}}{\text{CH}} \right]_{0.5} \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{C}_3\text{H}_7 \end{array}}{\text{CH}} \right]_{0.5}$	
FLK-182	Poly(vinyl butyrate) (DB;70mol%) ; PVB	$\left[ \text{CH}_2-\underset{\text{OH}}{\text{CH}} \right]_{0.3} \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{C}_3\text{H}_7 \end{array}}{\text{CH}} \right]_{0.7}$	
FLK-183	Methyl acrylate-poly(vinyl alcohol) ; MA-PVA [MA; ~10mol%]	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C} \\ \text{OCH}_3 \end{array}}{\text{CH}} \right]_{0.1} \left[ \text{CH}_2-\underset{\text{OH}}{\text{CH}} \right]_{0.9}$	
FLK-184	Methyl methacrylate-Vinyl alcohol (MMA;5mol%) ; MMA-PVA	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{CH}_3 \\ \parallel \\ \text{C} \\ \text{OCH}_3 \end{array}}{\text{CH}} \right]_{0.05} \left[ \text{CH}_2-\underset{\text{OH}}{\text{CH}} \right]_{0.95}$	
FLK-185	Polyvinylalcohol ; PVA [Pa: 1700]	$\left[ \text{CH}_2-\underset{\text{OH}}{\text{CH}} \right]_n$	✓
FLK-186	Poly(vinyl alcohol-vinyl acetate) (DS;45.4,Pa;300) ; PVA-VAc	$\left[ \text{CH}_2-\underset{\text{OH}}{\text{CH}} \right]_m \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-187	Poly(vinyl alcohol-vinyl acetate) (DS;78.2,Pa;300) ; PVA-VAc	$\left[ \text{CH}_2-\underset{\text{OH}}{\text{CH}} \right]_m \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-188	Poly(vinyl alcohol-vinyl acetate) (DS;88.5,Pa;300) ; PVA-VAc	$\left[ \text{CH}_2-\underset{\text{OH}}{\text{CH}} \right]_m \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-189	Poly(vinyl acetate-vinylidene chloride) ; P(VAc-VC) [VAc: 5mol%]	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_{0.05} \left[ \text{CH}_2-\underset{\begin{array}{c} \text{Cl} \\   \\ \text{C} \\   \\ \text{Cl} \end{array}}{\text{C}} \right]_{0.95}$	✓
FLK-190	Poly(vinyl acetate-vinylidene chloride) ; P(VAc-VC) [VAc: 15mol%]	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_{0.15} \left[ \text{CH}_2-\underset{\begin{array}{c} \text{Cl} \\   \\ \text{C} \\   \\ \text{Cl} \end{array}}{\text{C}} \right]_{0.85}$	✓
FLK-191	Poly(vinyl acetate-vinylidene cyanide) ; Poly(VAc-VDCN)	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_m \left[ \text{CH}_2-\underset{\begin{array}{c} \text{CN} \\   \\ \text{C} \\   \\ \text{CN} \end{array}}{\text{C}} \right]_n$	
FLK-192	Poly(vinylpyrrolidone-vinyl acetate) (VAc;30mol%) ; Poly(Vinylpyrrolidone- VAc)	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{N} \\ \text{CH}_2 \\ \text{CH}_2 \end{array}}{\text{CH}} \right]_{0.7} \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_{0.3}$	
FLK-193	Poly(vinylpyrrolidone-vinyl acetate) ; P(VP-VAc) [VAc; 70mol%]	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{N} \\ \text{CH}_2 \\ \text{CH}_2 \end{array}}{\text{CH}} \right]_{0.3} \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{C}=\text{O} \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_{0.7}$	✓
FLK-194	Polyvinylpyrrolidone ; PVP	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\ \parallel \\ \text{N} \\ \text{CH}_2 \\ \text{CH}_2 \end{array}}{\text{CH}} \right]_n$	✓

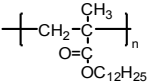
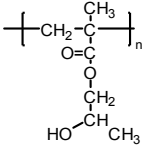
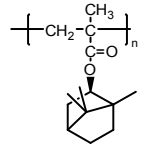
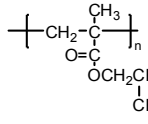
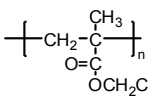
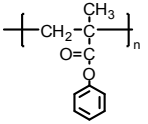
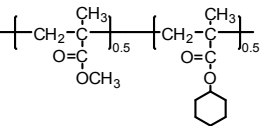
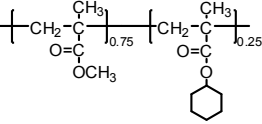
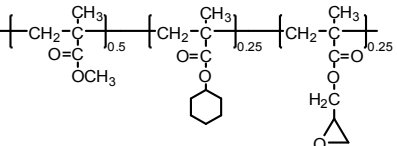
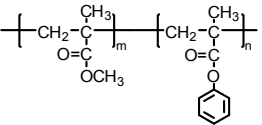
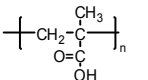
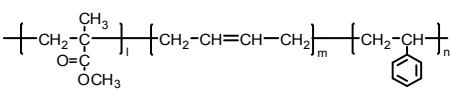
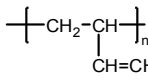
FLK-195	Poly(vinyl chloride-vinylidene chloride) ; P(VC-VDC)		✓
FLK-196	Polyacrylamide ; PAAM		
FLK-197	Poly-2-vinylpyridine		✓
FLK-198	Polyvinylmethylketone		
FLK-199	Poly(9-vinyl carbazole)		
FLK-200	Polyvinylcinnamate		
FLK-201	Poly-2-vinylnaphthalene		
FLK-202	Polyvinylcarbanilate		
FLK-203	Poly(4-vinyl phenol)		
FLK-204	Polyacrylonitrile ; PAN		
FLK-205	Acrylonitrile-styrene copolymer ; AS		✓
FLK-206	Methyl methacrylate-vinylidene cyanide copolymer ; MMA-VDCN		
FLK-207	(Acrylonitrile-methyl acrylate)-(acrylonitrile-butadiene) graft copolymer ; P(AN-MA)-g-NBR [AN:MA=7:3, NBR: 20%]		✓
FLK-208	Vinyl chloride-vinyl acetate-vinyl alcohol copolymer ; VC-VAc-VA [91:3:6]		

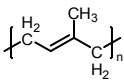
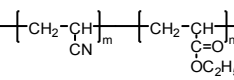
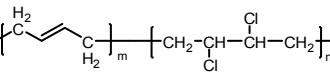
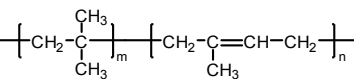
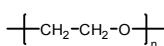
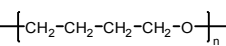
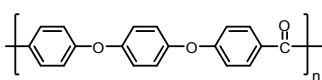
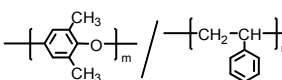
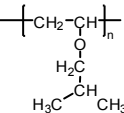
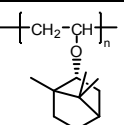
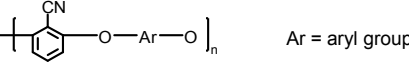
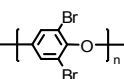
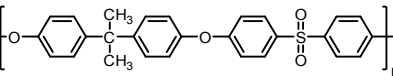
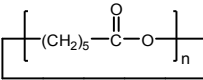
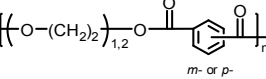
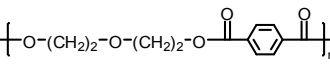
FLK-209	Vinyl chloride-vinyl acetate copolymer ; VC-VAc [86:14]	$\left[ \text{CH}_2-\underset{\text{Cl}}{\text{CH}} \right]_{0.86} \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\   \\ \text{C}=\text{O} \\   \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_{0.14}$	✓
FLK-210	Vinyl chloride-vinyl acetate-methacrylonitrile copolymer ; VC-VAc-MAn [86:13:1]	$\left[ \text{CH}_2-\underset{\text{Cl}}{\text{CH}} \right]_{0.86} \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\   \\ \text{C}=\text{O} \\   \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_{0.13} \left[ \text{CH}_2-\underset{\begin{array}{c} \text{CH}_3 \\   \\ \text{CN} \end{array}}{\text{C}} \right]_{0.01}$	
FLK-211	Poly(vinyl pivalate)	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\   \\ \text{C}=\text{O} \\   \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\   \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-212	Poly(ethylene-vinyl pivalate)	$\left[ \text{CH}_2-\text{CH}_2 \right]_m \left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\   \\ \text{C}=\text{O} \\   \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\   \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-213	Poly(2-acrylamido-2-methyl-1-propanesulfonic acid-co-acrylonitrile)	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O}=\text{C} \\   \\ \text{HN} \\   \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\   \\ \text{CH}_2 \\   \\ \text{SO}_3\text{H} \end{array}}{\text{CH}} \right]_m \left[ \text{CH}_2-\underset{\text{CN}}{\text{CH}} \right]_n$	
FLK-214	Poly(2-acrylamido-2-methyl-1-propanesulfonic acid-co-styrene) [Styrene:95%]	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O}=\text{C} \\   \\ \text{HN} \\   \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\   \\ \text{CH}_2 \\   \\ \text{SO}_3\text{H} \end{array}}{\text{CH}} \right]_{0.05} \left[ \text{CH}_2-\underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_{0.95}$	
FLK-215	Poly(allylamine hydrochloride)	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{CH}_2 \\   \\ \text{NH}_2 \cdot \text{HCl} \end{array}}{\text{CH}} \right]_n$	
FLK-216	Poly(4-vinyl biphenyl)	$\left[ \text{CH}_2-\underset{\text{C}_6\text{H}_4-\text{C}_6\text{H}_5}{\text{CH}} \right]_n$	
FLK-217	Poly(4-vinylpyridine-co-butyl methacrylate)	$\left[ \text{CH}_2-\underset{\text{C}_5\text{H}_4\text{N}}{\text{CH}} \right]_m \left[ \text{CH}_2-\underset{\begin{array}{c} \text{CH}_3 \\   \\ \text{C}=\text{O} \\   \\ \text{O}-\text{C}_4\text{H}_9 \end{array}}{\text{C}} \right]_n$	
FLK-218	Poly(2-vinylpyridine-co-styrene) [St:30%]	$\left[ \text{CH}_2-\underset{\text{C}_5\text{H}_4\text{N}}{\text{CH}} \right]_{0.7} \left[ \text{CH}_2-\underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_{0.3}$	
FLK-219	Poly(4-vinylpyridine-co-styrene)	$\left[ \text{CH}_2-\underset{\text{C}_5\text{H}_4\text{N}}{\text{CH}} \right]_m \left[ \text{CH}_2-\underset{\text{C}_6\text{H}_5}{\text{CH}} \right]_n$	
FLK-220	Poly(vinyl stearate)	$\left[ \text{CH}_2-\underset{\begin{array}{c} \text{O} \\   \\ \text{C}=\text{O} \\   \\ n-\text{C}_{17}\text{H}_{35} \end{array}}{\text{CH}} \right]_n$	
FLK-221	Poly(vinyl toluene)	$\left[ \text{CH}_2-\underset{\text{C}_6\text{H}_4-\text{CH}_3}{\text{CH}} \right]_n$	
FLK-222	Poly(vinylbenzyl chloride)	$\left[ \text{CH}_2-\underset{\text{C}_6\text{H}_5-\text{CH}_2\text{Cl}}{\text{CH}} \right]_n$	

FLK-223	Poly( <i>t</i> -butyl vinyl ether) [iso;88.8%]	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{O} \\   \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\   \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-224	Poly( <i>t</i> -butyl vinyl ether) [iso;52.4%]	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{O} \\   \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\   \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-225	Poly( <i>t</i> -butyl vinyl ether) [iso;39.5%]	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{O} \\   \\ \text{H}_3\text{C}-\text{C}-\text{CH}_3 \\   \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	
FLK-226	Polyvinylalcohol ; PVA [Pa;4000]	$\left[ \text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-227	Polyvinylalcohol ; PVA [Pa;18250]	$\left[ \text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-228	Polyvinylalcohol ; PVA [iso;86.6mol%]	$\left[ \text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-229	Polyvinylalcohol ; PVA [syndio;61mol%]	$\left[ \text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-230	Polyvinylalcohol ; PVA [Pa;25]	$\left[ \text{CH}_2 - \underset{\text{OH}}{\text{CH}} \right]_n$	
FLK-231	Poly(N-vinylacetamide) ; PNVA	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{N}-\text{H} \\   \\ \text{C}=\text{O} \\   \\ \text{CH}_3 \end{array}}{\text{CH}} \right]_n$	✓
FLK-232	Sodium polyacrylate ; PAA(sodium salt)	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{O}=\text{C} \\   \\ \text{ONa} \end{array}}{\text{CH}} \right]_n$	
FLK-233	Polyacrylic acid ; PAA	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{C}=\text{O} \\   \\ \text{OH} \end{array}}{\text{CH}} \right]_n$	✓
FLK-234	Poly(methyl acrylate) ; PMA	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{C}=\text{O} \\   \\ \text{OCH}_3 \end{array}}{\text{CH}} \right]_n$	✓
FLK-235	Poly(butyl acrylate) ; PBA	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{C}=\text{O} \\   \\ \text{OC}_4\text{H}_9 \end{array}}{\text{CH}} \right]_n$	✓
FLK-236	Poly(methyl methacrylate) ; PMMA [atactic]	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\   \\ \text{O}=\text{C} \\   \\ \text{OCH}_3 \end{array}}{\text{C}} \right]_n$	✓
FLK-237	Poly(methyl methacrylate) ; PMMA [isotactic/mm.mr:rr=97:2:1]	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\   \\ \text{O}=\text{C} \\   \\ \text{OCH}_3 \end{array}}{\text{C}} \right]_n$	
FLK-238	Poly(methyl methacrylate) ; PMMA [syndiotactic/mm.mr:rr=6.5:11.0:82.5]	$\left[ \text{CH}_2 - \underset{\begin{array}{c} \text{CH}_3 \\   \\ \text{O}=\text{C} \\   \\ \text{OCH}_3 \end{array}}{\text{C}} \right]_n$	



FLK-239	Poly(ethyl methacrylate) ; PEMA		✓
FLK-240	Poly(hydroxy ethyl methacrylate) ; PHEMA		✓
FLK-241	Poly(isopropyl methacrylate) ; PIPMA		
FLK-242	Poly(pinacolyl methacrylate) ; Poly(pinacolyl MA)		
FLK-243	Poly(tert-butyl methacrylate) ; P t-BMA		
FLK-244	Poly(benzyl methacrylate) ; PBMA		✓
FLK-245	Acrylic acid-ethyl acrylate copolymer ; AA-EA [AA;14.6wt%]		
FLK-246	Ethyl acrylate-methyl methacrylic acid ; EA-MAA [MAA;19.2wt%]		
FLK-247	Methyl methacrylate-methyl acrylate copolymer ; MMA-MA [MA;15wt%]		
FLK-248	Methyl methacrylate-methyl acrylate copolymer ; MMA-MA [MA;50wt%]		
FLK-249	Methyl methacrylate-Butyl acrylate copolymer ; MMA-BA [BA;25wt%]		
FLK-250	Methyl methacrylate-styrene copolymer ; MMA-St [St;40wt%]		
FLK-251	Methyl methacrylate-maleic anhydride-styrene copolymer ; MMA-MAN-St [67/15/18wt%]		
FLK-252	Poly(2-ethyl hexyl acrylate)		
FLK-253	Poly(hexyl methacrylate)		

FLK-254	Poly(lauryl methacrylate)		
FLK-255	Poly(2-hydroxypropyl methacrylate)		
FLK-256	Poly(isobornyl methacrylate)		
FLK-257	Poly(isobutyl methacrylate)		✓
FLK-258	Poly(n-butyl methacrylate)		✓
FLK-259	Poly(phenyl methacrylate)		
FLK-260	Methyl methacrylate-cyclohexyl methacrylate ; MMA-CMA [1:1]		
FLK-261	Methyl methacrylate-cyclohexyl methacrylate ; MMA-CMA [3:1]		
FLK-262	Methyl methacrylate-cyclohexyl methacrylate-glycidyl methacrylate ; MMA-CMA-GMA [2:1:1]		
FLK-263	Methyl methacrylate-phenyl methacrylate ; MMA-PMA		
FLK-264	Poly(methacrylic acid) ; PMAA		
FLK-265	Methyl methacrylate-butadiene-styrene copolymer ; MMA/Butadiene/St ; MMBS		
FLK-266	Poly(1,2-butadiene)		✓

FLK-267	Polyisoprene( <i>trans</i> -1,4) ; PIP( <i>trans</i> -1,4) [Natural rubber]		
FLK-268	Poly(acrylonitrile-co-ethyl acrylate) ; NR		
FLK-269	Polybutadiene( <i>trans</i> -1,4) chlorinated ; BR( <i>trans</i> -1,4) chlorinated		
FLK-270	Isobutylene-isoprene rubber ; IIR		✓
FLK-271	Poly(ethylene glycol) ; PEG		
FLK-272	Poly(tetramethylene ether glycol) ; PTMG		
FLK-273	Polyetheretherketone ; PEEK		✓
FLK-274	Polyphenylene oxide (Polystyrene-blended) ; PPO (PS-blended)		
FLK-275	Poly(isobutyl vinyl ether)		
FLK-276	Poly(bornyl vinyl ether)		
FLK-277	Poly(ether nitrile)	 Ar = aryl group	
FLK-278	Poly(dibromo phenylene oxide)		
FLK-279	Polysulfone		✓
FLK-280	Polycaprolactone ; PCL		✓
FLK-281	Polyester [(Diethylene glycol,ethylene glycol);(isophthalic acid,terephthalic acid) ; (DEG,EG):(IPA,TPA)]	 m- or p-	
FLK-282	Polyester [Diethylene glycol:terephthalic acid ; DEG:TPA]		

FLK-283	Polyethylene terephthalate glycol-modified ; PET-G ; [(Cyclohexane dimethanol,ethylene glycol):terephthalic acid ; (CHDM,EG):TPA]		
FLK-284	PCTA ; [Cyclohexane dimethanol:(isophthalic acid,terephthalic acid) ; CHDM:(IPA,TPA)]		
FLK-285	Polyester [Bisphenol A:terephthalic acid ; BPA:TPA]		
FLK-286	Poly(ethylene adipate) ; PEA		
FLK-287	Polyester [Ethylene glycol:(adipic acid,terephthalic acid) ; EG:(AA,TPA)] [AA/TPA=20/80]		
FLK-288	Poly(ethylene isophthalate) ; PEI		
FLK-289	Polyester [Ethylene glycol:(isophthalic acid,terephthalic acid) ; EG:(IPA,TPA)] [IPA/TPA=20/80]		
FLK-290	Poly(ethylene naphthalene dicarboxylate) ; PEN		
FLK-291	Polyester [(Ethylene glycol,neopentyl glycol):(isophthalic acid,sebacic acid,terephthalic acid) ; (EG,NPG):(IPA,SA,TPA)] [(60,40):(50,10,40)]		
FLK-292	Polyester [(Ethylene glycol,neopentyl glycol):(isophthalic acid,terephthalic acid) ; (EG,NPG):(IPA,TPA)]		
FLK-293	Polyester [(Ethylene glycol,neopentyl glycol):sebacic acid,terephthalic acid) ; (EG,NPG):(SA,TPA)]		
FLK-294	Polyester [(Ethylene glycol,polyethylene glycol):terephthalic acid ; (EG,PEG):TPA] [EG/PEG(#400)=85/15]		
FLK-295	Polyester [(Butanediol,ethylene glycol,poly(tetramethylene glycol)):(adipic acid:terephthalic acid) ; (BD,EG,PTMG):(AA,TPA)]		
FLK-296	Polyester [Ethylene glycol:sebacic acid,terephthalic acid) ; EG:(SA,TPA)] [SA/TPA=20/80]		
FLK-297	Polyester [(Butanediol,ethylene glycol):(adipic acid,isophthalic acid,terephthalic acid) ; (BD,EG):(AA,IPA,TPA)]		
FLK-298	Polyester [(Butanediol,ethylene glycol):(isophthalic acid,sebacic acid,terephthalic acid) ; (BD,EG):(IPA,SA,TPA)]		

FLK-299	Polyester [Hexanediol:(adipic acid,terephthalic acid) ; HD:(AA,TPA)] [AA/TPA=40/60]		
FLK-300	Polyester [(Butanediol,hexanediol,polyethylene glycol):terephthalic acid ; (BD,HD,PEG):TPA]		
FLK-301	Polybutylene terephthalate/PTG ; PBT/PTG ; [(Butanediol,poly(tetramethylene glycol):terephthalic acid) ; (BD,PTMG):TPA]		
FLK-302	Polyester [Butanediol:(adipic acid,isophthalic acid,terephthalic acid) ; BD:(AA,IPA,TPA)]		
FLK-303	Polyester [Butanediol:(adipic acid,terephthalic acid) ; BD:(AA,TPA)]		
FLK-304	Polyester [Butanediol:(naphthalene dicarboxylic acid,terephthalic acid) ; BD:(NDCA,TPA)]		
FLK-305	Polyester [(Butanediol,bis(hydroxyl methyl)benzene):terephthalic acid ; (BD,BHMB):TPA] [BD/BHMB=60/40]		
FLK-306	Polyester [(Butanediol,diethylene glycol):(sebacic acid,terephthalic acid) ; (BD,DEG):(SA,TPA)] [(72,28):(8,92)]		
FLK-307	Polyester [(Ethylene glycol,neopentyl glycol):terephthalic acid ; (EG,NPG):TPA] [EG/NPG=80/20]		
FLK-308	Polyester [(Butanediol,ethylene glycol):terephthalic acid ; (BD,EG):TPA] [BD/EG=20/80]		
FLK-309	Polyester [(Butanediol,diethylene glycol):terephthalic acid ; (BD,DEG):TPA] [BD/DEG=78/22]		
FLK-310	Polyester [(Ethylene glycol,propanediol):terephthalic acid ; (EG,PD):TPA]		
FLK-311	Polyester [(Ethylene glycol,triethylene glycol):(isophthalic acid,sebacic acid,terephthalic acid) ; (EG,TEG):(IPA,SA,TPA)]		
FLK-312	Polyhexamethylene terephthalate ; PHMT		
FLK-313	Polyester [Poly((ethylene glycol,bis[4-(2-hydroxyethoxy)phenyl] sulfone):(isophthalic acid,terephthalic acid) ; (EG,EOBPS):(IPA,TPA)] [(80,20):(20,80)]		
FLK-314	Poly(butylene succinate)		

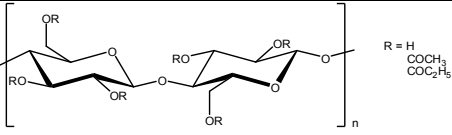
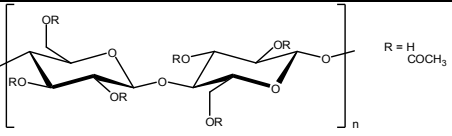
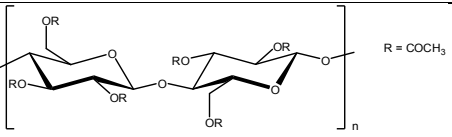
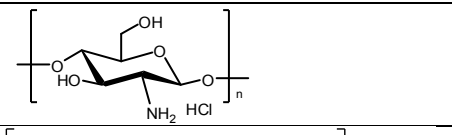
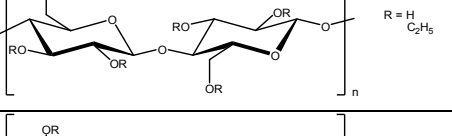
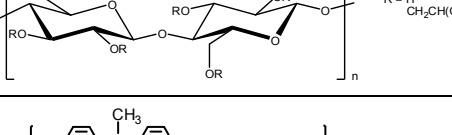
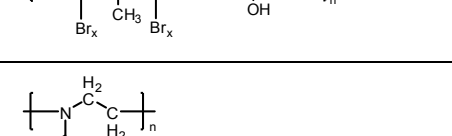
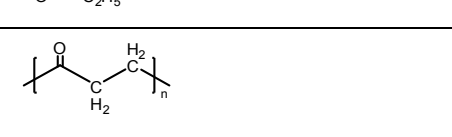
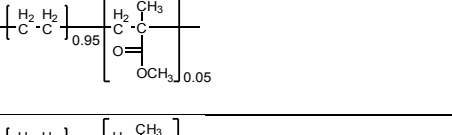
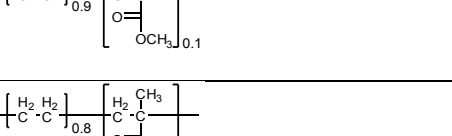
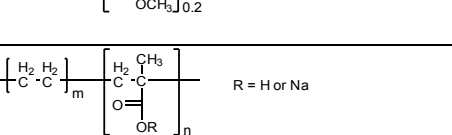
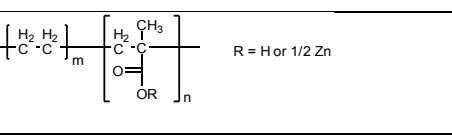
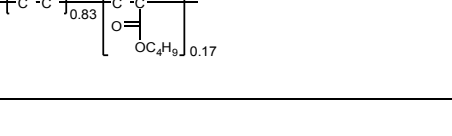

FLK-315	Poly(butylene sebacate)		
FLK-316	Poly(4-hydroxybutyrate) ; PHB		
FLK-317	Polyester [Butanediol,hexanediol:adipic acid ; (BD,HD):AA]		
FLK-318	Poly(3-methyl-1,5-pentanediol:azelaic acid) ; PMAz		
FLK-319	Poly(methylpentane dodecanoate) ; PMDd [Dd=dodecane dicarboxylic acid]		
FLK-320	Poly(beta-methyl-delta-valerolactone) glycol ; PMVL		
FLK-321	Poly(3-methylpentamethylene adipate) glycols ; PMPA		
FLK-322	Poly(ethylene/butylene adipate) (Mn;2000) ; PEBA(2000)		
FLK-323	Bis-hydroxyethylterephthalate ; BHET		
FLK-324	Poly(cyclohexanedimethylene terephthalate) ; PCT		
FLK-325	Polyester [(Cyclohexane dimethanol,ethylene glycol):terephthalic acid ; (CHDM,EG):TPA] [Poly(2,2'-bis(1,4-phenylene)carbonate blended)]		
FLK-326	Poly(4-oxybenzoyl-co-2-oxy-6-naphthoyl)		
FLK-327	Poly(4-oxybenzoyl-co-4,4'-biphenylene:terephthalate)		
FLK-328	Poly(ethylene succinate)		
FLK-329	Poly(neopentyl glycol sebacate)		
FLK-330	Poly(4-oxybenzoyl-co-poly(ethylene:terephthalate))		

FLK-331	Poly-2-methyl octane,nonamethylene adipate ; PNOA		
FLK-332	Ester gum (Rosin type)		
FLK-333	Polybutylene naphthalate ; BD naphthalate		
FLK-334	Nonanediol naphthalate ; ND naphthalate		
FLK-335	Poly(trimethylene terephthalate) ; PPT		
FLK-336	Poly(hexamethylene terephthalate) ; PHMT		
FLK-337	Poly(amide-imide ; trimellitic anhydride chloride-phenylenediamine-oxydianiline ; PAI ; TMAC/PD/ODA		✓
FLK-338	Bismaleimide-triazine resin ; BT		✓
FLK-339	Polyaminobismaleimide ; PABM		✓
FLK-341	Polyurethane [Diphenylmethane diisocyanate/bis(hydroxyl ethoxy)benzene,poly(tetramethylene glycol) ; MDI/BHEB,PTMG]		
FLK-342	Polyurethane [Diphenylmethane diisocyanate/poly(adipic acid:(ethylene glycol,butanediol)) ; MDI/AA:(EG,BD)]		
FLK-343	Polyurethane [Diphenylmethane diisocyanate/ethylene glycol/polycaprolactone ; MDI/EG/PCL]		
FLK-344	Polyurethane [Diphenylmethane diisocyanate/butanediol/polycaprolactone ; MDI/BD/PCL]		
FLK-345	Polyurethane [(Diphenylmethane diisocyanate,hexamethylenediamine)/ethylene glycol/(poly(tetramethylene glycol),polycaprolactone) ; MDI,HMDA/EG/PTMG,PCL]		
FLK-346	Polyurethane [Diphenylmethane diisocyanate/(butanediol,ethylene glycol)/polycaprolactone ; MDI/BD,EG/PCL]		

FLK-347	Polyurethane [Diphenylmethane diisocyanate/ethylene glycol/polyethylene glycol ; MDI/EG/PEG]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{A} \right]_n$ A= $-(\text{CH}_2)_2-\text{O}-$ $\left[ (\text{CH}_2)_2-\text{O} \right]_m$	
FLK-348	Polyurethane [Diphenylmethane diisocyanate/ethylene glycol/(polyethylene glycol,poly(tetramethylene glycol)) ; MDI/EG/PEG,PTMG]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{A} \right]_n$ A= $-(\text{CH}_2)_2-\text{O}-$ $\left[ (\text{CH}_2)_2-\text{O} \right]_m$ $\left[ (\text{CH}_2)_4-\text{O} \right]_m$	
FLK-349	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(tetramethylene glycol) ; MDI/BD/PTMG]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{A} \right]_n$ A= $-(\text{CH}_2)_4-\text{O}-$ $\left[ (\text{CH}_2)_4-\text{O} \right]_m$	
FLK-350	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(butylene ethylene adipate) ; MDI/BD/PBEA(2.6:1.6:1)]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{A} \right]_n$ A= $-(\text{CH}_2)_4-\text{O}-$ PBEA PBEA $\left[ (\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O} \right]_m \left[ (\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O} \right]_n$	
FLK-351	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(butylene adipate) ; MDI/BD/PBA]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{A} \right]_n$ A= $-(\text{CH}_2)_4-\text{O}-$ $\left[ (\text{CH}_2)_4-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O} \right]_m$	
FLK-352	Polyurethane [(Diphenylmethane diisocyanate,diaminodiphenylmethane ,hexamethylenediamine)/poly(tetramethylene glycol) ; MDI,DAM,HMDA/PTMG]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{A} \right]_n$ A= $\begin{array}{c} \text{H} \quad \text{H} \\   \quad   \\ \text{N} \text{---} \text{C}_6\text{H}_4 \text{---} \text{CH}_2 \text{---} \text{C}_6\text{H}_4 \text{---} \text{N} \\   \quad   \\ \text{H} \quad \text{H} \end{array} \text{---} \text{O} \left[ (\text{CH}_2)_4-\text{O} \right]_m$	
FLK-353	Polyurethane [(Diphenylmethane diisocyanate,diaminodiphenylmethane )/poly(tetramethylene glycol) ; MDI,DAM/PTMG]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{A} \right]_n$ A= $\begin{array}{c} \text{H} \quad \text{H} \\   \quad   \\ \text{N} \text{---} \text{C}_6\text{H}_4 \text{---} \text{CH}_2 \text{---} \text{C}_6\text{H}_4 \text{---} \text{N} \\   \quad   \\ \text{H} \quad \text{H} \end{array} \text{---} \text{O} \left[ (\text{CH}_2)_4-\text{O} \right]_m$	
FLK-354	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(3-methylpentamethylene adipate) ; MDI/BD/PMPA]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{A} \right]_n$ A= $-(\text{CH}_2)_4-\text{O}-$ $\left[ (\text{CH}_2)_2-\text{CH}(\text{CH}_3)-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O} \right]_n$	
FLK-355	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(3-methyl-1,5-pentandiol:azelaic acid) ; MDI/BD/PMAz]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{A} \right]_n$ A= $-(\text{CH}_2)_4-\text{O}-$ $\left[ (\text{CH}_2)_2-\text{CH}(\text{CH}_3)-(\text{CH}_2)_2-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_7-\text{C}(=\text{O})-\text{O} \right]_n$	
FLK-356	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(2-methyl octane,nonamethylene adipate) ; MDI/BD/PNOA(5:4:1)]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{A} \right]_n$ A= $-(\text{CH}_2)_4-\text{O}-$ PNOA PNOA $\left[ \text{CH}_2-\text{CH}(\text{CH}_3)-(\text{CH}_2)_6-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O} \right]_m \left[ (\text{CH}_2)_9-\text{O}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O})-\text{O} \right]_n$	
FLK-357	Polyurethane [Diphenylmethane diisocyanate/ethylene glycol ; MDI/EG]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{---} (\text{CH}_2)_2-\text{O} \right]_n$	
FLK-358	Polyurethane [Diphenylmethane diisocyanate/propanediol ; MDI/PD(Propanediol)]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{---} (\text{CH}_2)_3-\text{O} \right]_n$	
FLK-359	Polyurethane [Diphenylmethane diisocyanate/butanediol ; MDI/BD]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{---} (\text{CH}_2)_4-\text{O} \right]_n$	
FLK-360	Polyurethane [Diphenylmethane diisocyanate/pentandiol ; MDI/PD(Pentandiol)]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{---} (\text{CH}_2)_5-\text{O} \right]_n$	
FLK-361	Polyurethane [Diphenylmethane diisocyanate/methylpentandiol ; MDI/Mp]	$\left[ \text{NH} \begin{array}{c} \text{O} \\ \parallel \\ \text{N} \end{array} \text{C}_6\text{H}_4 \text{CH}_2 \text{C}_6\text{H}_4 \begin{array}{c} \text{H} \\ \parallel \\ \text{N} \end{array} \text{O} \text{---} (\text{CH}_2)_2-\text{CH}(\text{CH}_3)-(\text{CH}_2)_2-\text{O} \right]_n$	



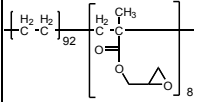
FLK-362	Polyurethane [Diphenylmethane diisocyanate/hexanediol ; MDI/HD]		
FLK-363	Polyurethane [Diphenylmethane diisocyanate/nonanediol ; MDI/ND]		
FLK-364	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(ethylene/propylene adipate) ; MDI/BD/PEPA]		
FLK-365	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(nonylene/octylene/butylene adipate) ; MDI/BD/PNOBA(5:4:1)]		
FLK-366	Polyurethane [Diphenylmethane diisocyanate/ethylenediamine/poly(ethylene/butylene adipate) ; MDI/EDA/PEBA]		
FLK-367	Polyurethane [Diphenylmethane diisocyanate/butanediol/poly(ethylene adipate) ; MDI/BD/PEA]		
FLK-368	Poly(styrene-maleic anhydride-butadiene) ; SMA(High impact) [Styrene-MAn-Butadiene]		
FLK-369	Poly(styrene-co-maleic anhydride) ; SMA		✓
FLK-370	Poly(ethylene-maleic anhydride) ; EMA		✓
FLK-371	Poly(isobutylene-maleic anhydride)		
FLK-372	Methyl methacrylate-maleic anhydride-norbornene ; MMA-MAn-Norbornene		
FLK-373	Sodium alginate		✓
FLK-374	Carboxymethyl cellulose ; CMC		✓
FLK-375	Cellulose acetate butylate ; CAB		✓

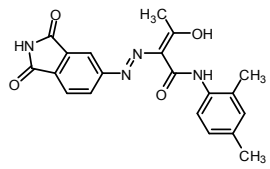
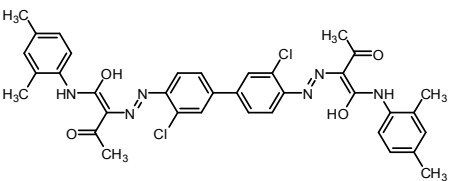
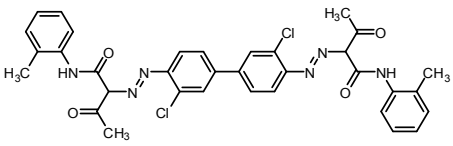
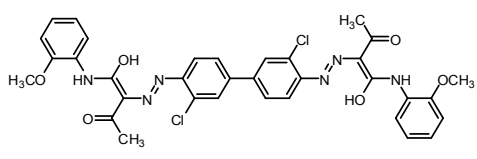
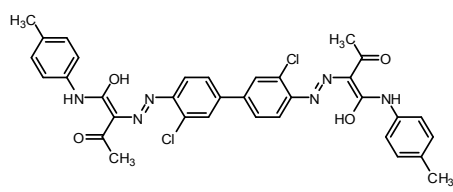
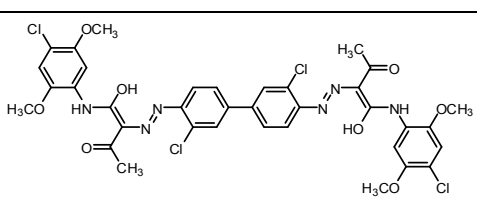
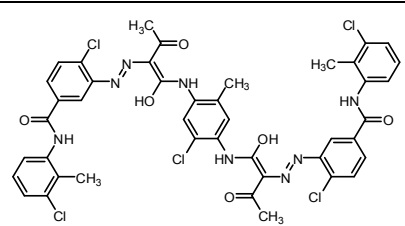
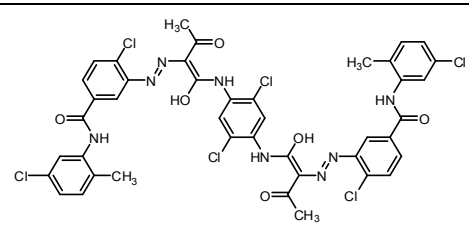
FLK-376	Cellulose acetate propionate ; CAP		✓
FLK-377	Cellulose diacetate		
FLK-378	Cellulose triacetate ; CTA		✓
FLK-379	Chitosan hydrogen chloride salt		
FLK-380	Ethyl cellulose		✓
FLK-381	Hydroxypropyl cellulose ; HPC		✓
FLK-382	Brominated phenoxy resin		
FLK-383	Poly(2-ethyl-2-oxazoline)		
FLK-384	Polyketone [Poly(ethylene-alt-carbon monooxide)]		
FLK-385	Ethylene-methyl methacrylate copolymer ; EMMA [MMA; 5%]		✓
FLK-386	Ethylene-methyl methacrylate copolymer ; EMMA [MMA; 10%]		✓
FLK-387	Ethylene-methyl methacrylate copolymer ; EMMA [MMA; 20%]		✓
FLK-388	Sodium ionomer of ethylene-methacrylic acid copolymer ; Na-EMA		✓
FLK-389	Zinc ionomer of ethylene-methacrylic acid copolymer ; Zn-EMA		✓
FLK-390	Ethylene-butyl acrylate copolymer ; EBA [BA; 17%]		✓

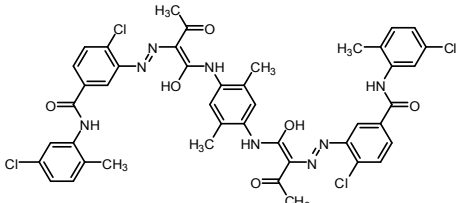
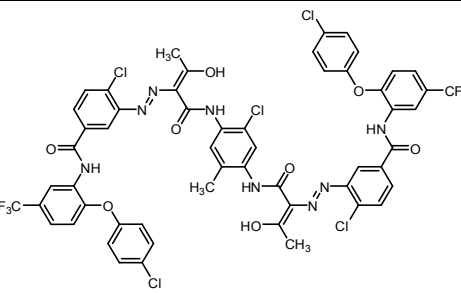
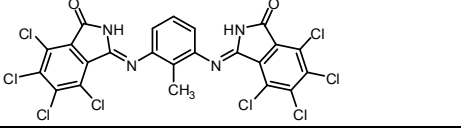
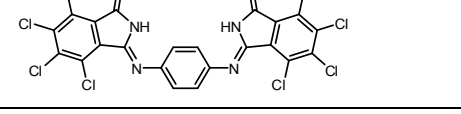
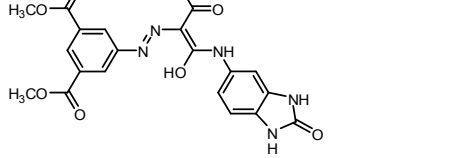
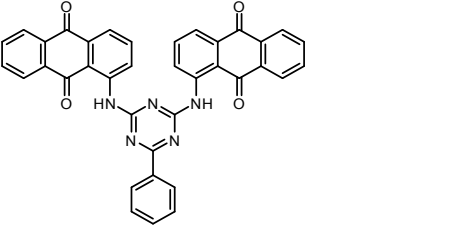
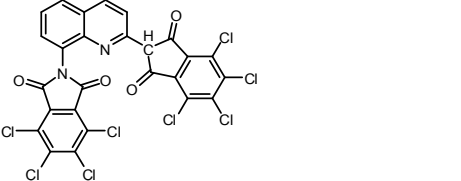
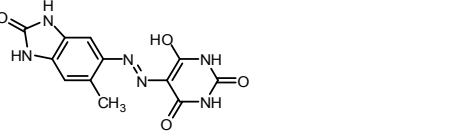
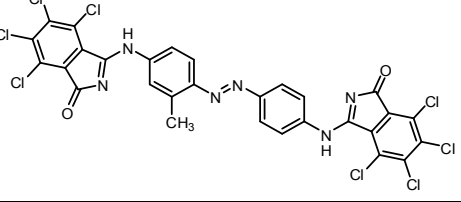
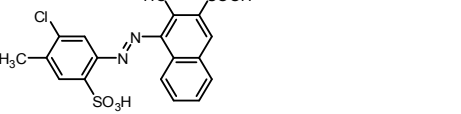
FLK-391	Ethylene-butyl acrylate copolymer ; EBA [BA; 35%]	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ -\text{C}-\text{C}- \\   \quad   \\ \text{H} \quad \text{H} \\   \quad   \\ \text{O} \quad \text{C}_4\text{H}_9 \end{array} \right]_{0.65} \left[ \begin{array}{c} \text{H}_2 \text{ H} \\   \quad   \\ -\text{C}-\text{C}- \\   \quad   \\ \text{O} \quad \text{OC}_4\text{H}_9 \end{array} \right]_{0.35}$	✓
FLK-392	Ethylene-vinyl acetate-maleic anhydride terpolymer	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ -\text{C}-\text{C}- \\   \quad   \\ \text{H} \quad \text{H} \\   \quad   \\ \text{O} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{CH}_3 \end{array} \right]_m \left[ \begin{array}{c} \text{O} \quad \text{O} \\ // \quad // \\ \text{C} \quad \text{C} \\ \backslash \quad / \\ \text{O} \end{array} \right]_n$	✓
FLK-393	Ethylene-vinylsilane copolymer ; PEXb [crosslinked]	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ -\text{C}-\text{C}- \\   \quad   \\ \text{H} \quad \text{H} \\   \quad   \\ \text{O} \quad \text{Si} \\   \quad   \\ \text{O} \quad \text{OH} \end{array} \right]_n$	✓
FLK-394	Low crystallinity polypropylene [metallocene catalyst]	$\left[ \text{CH}_2\text{CH}(\text{CH}_3) \right]_n$	✓
FLK-395	Ethylene-norbornene copolymer [E; 52 mol%]	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ -\text{C}-\text{C}- \\   \quad   \\ \text{H} \quad \text{H} \\   \quad   \\ \text{O} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{CH}_3 \end{array} \right]_{0.52} \left[ \begin{array}{c} \text{C}_5\text{H}_8 \end{array} \right]_{0.48}$	✓
FLK-396	Ethylene-norbornene copolymer [E; 39 mol% E]	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ -\text{C}-\text{C}- \\   \quad   \\ \text{H} \quad \text{H} \\   \quad   \\ \text{O} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{CH}_3 \end{array} \right]_{0.39} \left[ \begin{array}{c} \text{C}_5\text{H}_8 \end{array} \right]_{0.61}$	✓
FLK-397	Ethylene-norbornene copolymer [E; 67 mol%]	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ -\text{C}-\text{C}- \\   \quad   \\ \text{H} \quad \text{H} \\   \quad   \\ \text{O} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{CH}_3 \end{array} \right]_{0.67} \left[ \begin{array}{c} \text{C}_5\text{H}_8 \end{array} \right]_{0.33}$	✓
FLK-398	Ethylene-tetracyclododecene copolymer	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ -\text{C}-\text{C}- \\   \quad   \\ \text{H} \quad \text{H} \\   \quad   \\ \text{O} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{CH}_3 \end{array} \right]_m \left[ \begin{array}{c} \text{C}_{12}\text{H}_{18} \end{array} \right]_n$	✓
FLK-399	Polyoctadecene-1	$\left[ \begin{array}{c} \text{H}_2 \text{ H} \\   \quad   \\ -\text{C}-\text{C}- \\   \quad   \\ \text{H} \quad \text{C}_{16}\text{H}_{33} \end{array} \right]_n$	✓
FLK-400	Polytetracosene-1	$\left[ \begin{array}{c} \text{H}_2 \text{ H} \\   \quad   \\ -\text{C}-\text{C}- \\   \quad   \\ \text{H} \quad \text{C}_{22}\text{H}_{45} \end{array} \right]_n$	✓
FLK-401	Polyglycolic acid ; PGA	$\left[ \begin{array}{c} \text{O} \\   \\ \text{C} \\   \\ \text{O} \end{array} \right]_n$	✓
FLK-402	Polylactic acid ; PLA [stereocomplex]	$\left[ \begin{array}{c} \text{O} \\   \\ \text{C} \\   \\ \text{O} \\   \\ \text{CH}_3 \end{array} \right]_n$	✓
FLK-403	Polyester(terephthalic acid:isophthalic acid:ethylene glycol:neopentyl glycol) ; TPA/IPA-EG/NPG	$\left[ \text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ A = $-(\text{CH}_2)_2-$ B = $-\text{C}_6\text{H}_4-$ A = $-(\text{CH}_2)_2\text{O}(\text{CH}_2)_2-$ B = $-\text{C}_6\text{H}_4-$ A = $-\text{C}(\text{CH}_3)_2\text{C}(\text{CH}_2)_2-$ B = $-\text{C}_6\text{H}_4-$	✓
FLK-404	Polyester(isophthalic acid:sodium 5- sulfoisophthalic acid:diethylene glycol:cyclohexane dimethanol) ; IPA/SIPA-DEG/CHDM	$\left[ \text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ A = $-(\text{CH}_2)_2\text{O}(\text{CH}_2)_2-$ B = $-\text{C}_6\text{H}_4-$ A = $-\text{C}_6\text{H}_4-$ B = $-\text{C}_6\text{H}_4\text{SO}_3\text{Na}$	✓
FLK-405	Polyester(terephthalic acid:sebacic acid:ethylene glycol:neopentyl glycol) ; TPA/SebA-EG/NPG	$\left[ \text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ A = $-(\text{CH}_2)_2-$ B = $-\text{C}_6\text{H}_4-$ A = $-(\text{CH}_2)_2\text{O}(\text{CH}_2)_2-$ B = $-(\text{CH}_2)_6-$ A = $-\text{C}(\text{CH}_3)_2\text{C}(\text{CH}_2)_2-$ B = $-(\text{CH}_2)_6-$	✓
FLK-406	Polyester(terephthalic acid:isophthalic acid:trimellitic anhydride:ethylene glycol:diethylene glycol:neopentyl glycol) ; TPA/IPA/TMA-EG/DEG/NPG	$\left[ \text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ A = $-(\text{CH}_2)_2-$ B = $-\text{C}_6\text{H}_4-$ A = $-(\text{CH}_2)_2\text{O}(\text{CH}_2)_2-$ B = $-\text{C}_6\text{H}_4-$ A = $-\text{C}(\text{CH}_3)_2\text{C}(\text{CH}_2)_2-$ B = $-\text{C}_6\text{H}_4-$	✓

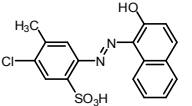
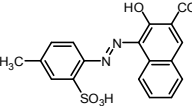
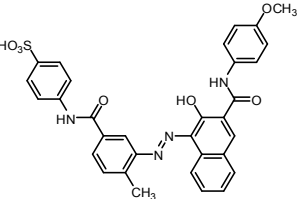
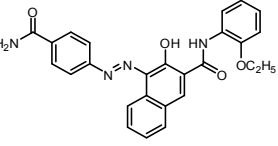
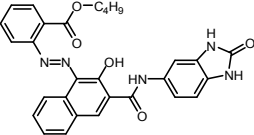
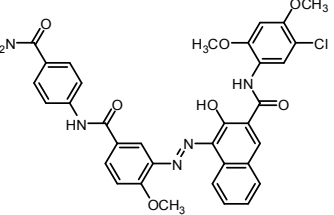
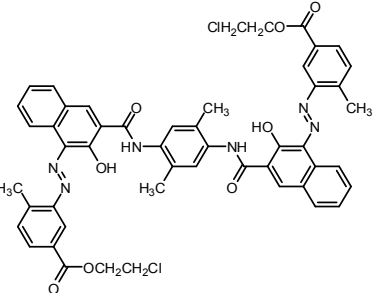
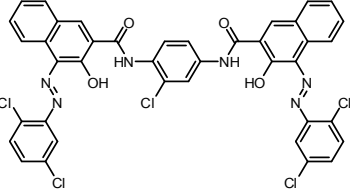
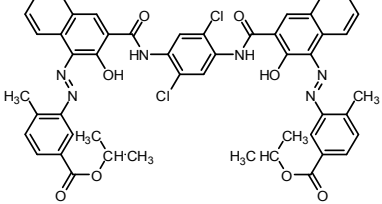
FLK-407	Polyester(terephthalic acid:isophthalic acid:sodium 5-sulfoisophthalic acid:ethylene glycol:diethylene glycol) ; TPA/IPA/SIPA-EG/DEG	$\left[ \text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \text{-(CH}_2\text{)}_2\text{-}$ $\text{B} = \text{-C}_6\text{H}_4\text{-}$ $\text{-C}_6\text{H}_3(\text{SO}_3\text{Na})\text{-}$	✓
FLK-408	Polyester(terephthalic acid:ethylene glycol:cyclohexane dimethanol:diethylene glycol:triethylene glycol:neopentyl glycol) ; TPA-EG/CHDM/DEG/TEG	$\left[ \text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \text{-(CH}_2\text{)}_2\text{-}$ $\text{B} = \text{-C}_6\text{H}_{10}\text{-}$ $\text{-(CH}_2\text{)}_2\text{O(CH}_2\text{)}_2\text{-}$ $\text{-(CH}_2\text{)}_3\text{O(CH}_2\text{)}_2\text{O(CH}_2\text{)}_2\text{-}$ $\text{-C(CH}_3\text{)}_2\text{(CH}_2\text{)}_2\text{-}$	✓
FLK-409	Polyester(terephthalic acid:butanediol:poly tetramethylene ether glycol) ; TPA-BG/PTMG	$\left[ \text{O}-\text{A}-\text{O}-\text{C}(=\text{O})-\text{B}-\text{C}(=\text{O}) \right]_n$ $\text{A} = \text{-(CH}_2\text{)}_4\text{-O-}$ $\text{-(CH}_2\text{)}_4\text{-O-}$	✓
FLK-410	Modified ethylene-vinyl alcohol copolymer ; Modified EVOH	$\left[ \text{C}_2\text{H}_4 \right]_m \left[ \text{C}_2\text{H}_4\text{OH} \right]_n$	✓
FLK-411	Poly(hexamethylenediamine-azelaic acid) ; Nylon 69 ; PA69	$\left[ \text{N}-(\text{CH}_2)_6-\text{N}-\text{C}(=\text{O})-(\text{CH}_2)_7-\text{C}(=\text{O}) \right]_n$	✓
FLK-412	Poly(hexamethylenediamine-sebacic acid) ; Nylon 610 ; PA610	$\left[ \text{N}-(\text{CH}_2)_6-\text{N}-\text{C}(=\text{O})-(\text{CH}_2)_8-\text{C}(=\text{O}) \right]_n$	✓
FLK-413	Poly(decamethylenediamine-sebacic acid) ; Nylon 1010 ; PA1010	$\left[ \text{N}-(\text{CH}_2)_{10}-\text{N}-\text{C}(=\text{O})-(\text{CH}_2)_8-\text{C}(=\text{O}) \right]_n$	✓
FLK-414	Polycaprolactam-co-poly(hexamethylenediamine-adipic acid) ; Nylon 6/66 copolymer ; PA6/66 copolymer	$\left[ \text{N}-(\text{CH}_2)_5-\text{C}(=\text{O}) \right]_m \left[ \text{N}-(\text{CH}_2)_6-\text{N}-\text{C}(=\text{O})-(\text{CH}_2)_4-\text{C}(=\text{O}) \right]_n$	✓
FLK-415	Poly(hexamethylenediamine-terephthalic acid) ; Nylon 6T ; PA6T	$\left[ \text{N}-(\text{CH}_2)_6-\text{N}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$	✓
FLK-416	Poly(nonamethylenediamine-terephthalic acid) ; Nylon 9T ; PA9T	$\left[ \text{N}-(\text{CH}_2)_9-\text{N}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$	✓
FLK-417	Poly(decamethylenediamine-terephthalic acid) ; Nylon 10T ; PA10T	$\left[ \text{N}-(\text{CH}_2)_{10}-\text{N}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$	✓
FLK-418	Poly(trimethylhexamethylenediamine-terephthalic acid) ; Nylon 6-3-T ; PA6-3-T	$\left[ \text{N}-(\text{CH}_2)_6-\text{N}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$	✓
FLK-419	Poly(hexamethylenediamine-terephthalic acid/isophthalic acid) ; Nylon 6T/6I copolymer ; PA6T/6I copolymer	$\left[ \text{N}-(\text{CH}_2)_6-\text{N}-\text{A} \right]_n$ $\text{A} = \text{-C}_6\text{H}_4\text{-}$ $\text{-C}_6\text{H}_3(\text{C}(=\text{O})\text{CH}_3)\text{-}$	✓
FLK-420	Poly(hexamethylenediamine-terephthalic acid/isophthalic acid/adipic acid) ; Nylon 6T/6I/66 copolymer ; PA 6T/6I/6 copolymer	$\left[ \text{N}-(\text{CH}_2)_6-\text{N}-\text{A} \right]_n$ $\text{A} = \text{-C}_6\text{H}_4\text{-}$ $\text{-C}_6\text{H}_3(\text{C}(=\text{O})\text{CH}_3)\text{-}$ $\text{-(CH}_2\text{)}_4\text{-}$	✓
FLK-421	Poly(4,4'-methylenebis(cyclohexylamine)-dodecanedioic acid) ; PA PACM12	$\left[ \text{N}-(\text{CH}_2)_6-\text{N}-\text{C}(=\text{O})-(\text{CH}_2)_{10}-\text{C}(=\text{O}) \right]_n$	✓
FLK-422	Poly-p-phenyleneterephthalamide ; Kevlar	$\left[ \text{N}-(\text{C}_6\text{H}_4)-\text{N}-\text{C}(=\text{O})-\text{C}_6\text{H}_4-\text{C}(=\text{O}) \right]_n$	✓

FLK-423	Poly-m-phenyleneisophthalamide ; Nomex		✓
FLK-424	Polydicyclopentadiene ; PDCPD [crosslinked]		✓
FLK-425	Poly(p-xylylene) ; Parylene N		✓
FLK-426	Chlorinated poly(p-xylylene) ; Parylene C		✓
FLK-427	Fluorinated poly(p-xylylene) ; Parylene HT		✓
FLK-428	Ethylene-propylene-diene rubber ; EPDM [metallocene cat.]		✓
FLK-429	Epichlorohydrin rubber (homopolymer) ; Epichlorohydrin CO ; ECH		✓
FLK-430	Epichlorohydrin-ethylene oxide copolymer ; Epichlorohydrin ECO ; ECH/EO		✓
FLK-431	Epichlorohydrin-ethylene oxide-allyl glycidyl ether terpolymer ; Epichlorohydrin GEEO ; ECH/EO/AGE ;		✓
FLK-432	Olefin-base Thermoplastic Elastomer [metallocene cat.]		✓
FLK-433	Olefin-base Thermoplastic Elastomer		✓
FLK-434	High-density polyethylene ; HDPE [Cr- catalyst, 1.0MI@0.960D]		✓
FLK-435	Ethylene/methyl acrylate/glycidyl methacrylate terpolymer ; E/MA/GMA [68/24/8]		✓
FLK-436	Ethylene/methyl acrylate/maleic anhydride terpolymer ; E/MA/MAH [81.9/15/3.1]		✓
FLK-437	Ethylene/ethyl acrylate/maleic anhydride terpolymer ; E/EA/MAH [90.7/6.5/2.8]		✓
FLK-438	Ethylene/butyl acrylate/maleic anhydride terpolymer ; E/BA/MAH [90.9/6/3.1]		✓

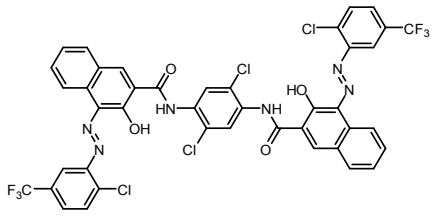
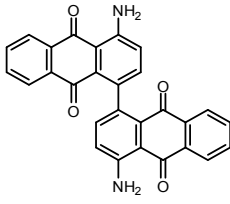
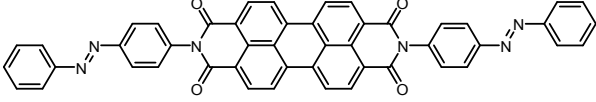
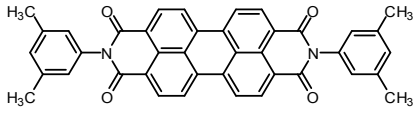
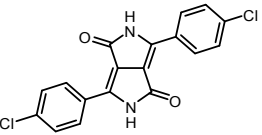
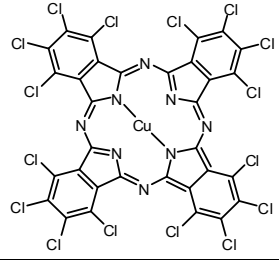
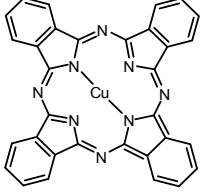
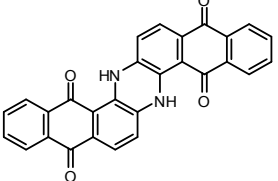
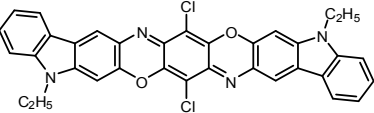
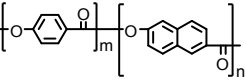
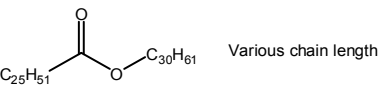
FLK-439	Ethylene/glycidyl methacrylate copolymer ; E/GMA [92/8]		✓
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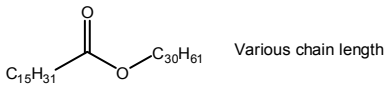
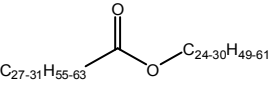
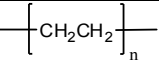
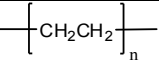
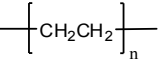
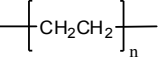
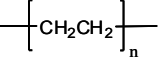
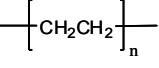
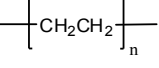
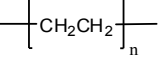
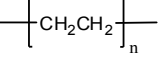
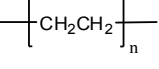
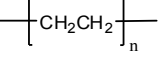
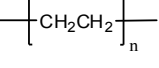
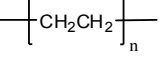
Entry ID	Name	Structure Formula	Newly Added in Ver.3.6
FLK-636	Pigment Yellow 167		
FLK-637	Pigment Yellow 13		
FLK-638	Pigment Yellow 14		
FLK-639	Pigment Yellow 17		
FLK-640	Pigment Yellow 55		
FLK-641	Pigment Yellow-83		
FLK-642	Pigment Yellow-93		
FLK-643	Pigment Yellow-94		

FLK-644	Pigment Yellow-95		
FLK-645	Pigment Yellow-128		
FLK-646	Pigment Yellow-109		
FLK-647	Pigment Yellow-110		
FLK-648	Pigment Yellow-120		
FLK-649	Pigment Yellow-147		
FLK-650	Pigment Yellow-138		
FLK-651	Pigment Orange-64		
FLK-652	Pigment Orange-61		
FLK-653	Pigment Red-48:2		

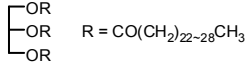
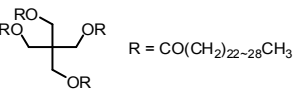
FLK-654	Pigment Red-53:1		
FLK-655	Pigment Red-57:1		
FLK-656	Pigment Red-247		
FLK-657	Pigment Red-170		
FLK-658	Pigment Red-208		
FLK-659	Pigment Red-187		
FLK-662	Pigment Red-220		
FLK-663	Pigment Red-144		
FLK-664	Pigment Red-221		



FLK-665	Pigment Red-242		
FLK-666	Pigment Red-177		
FLK-667	Pigment Red-178		
FLK-668	Pigment Red-149		
FLK-669	Pigment Red-254		
FLK-670	Pigment Green-7		
FLK-671	Pigment Blue-15:3		
FLK-673	Pigment Blue-60		
FLK-674	Pigment Violet-23		
FLK-852	Polyarylate		✓
FLK-853	Carnauba wax	 Various chain length	✓

FLK-854	Beeswax		✓
FLK-855	Shellac wax		✓
FLK-856	Montan wax		✓
FLK-857	Ozokerite wax		✓
FLK-858	Ceresin wax		✓
FLK-859	Paraffin wax		✓
FLK-860	Paraffin wax [purified]		✓
FLK-861	Microcrystalline wax		✓
FLK-862	Sasolwax A1 [oxidized]		✓
FLK-863	Sasolwax 1800 [microcrystalline]		✓
FLK-864	Sasolwax Spray 30		✓
FLK-865	High-density polyethylene wax ; HDPE wax [Ziegler catalyst, 15 mPas/140C]		✓
FLK-866	Linear low-density polyethylene wax ; LLDPE wax [Ziegler catalyst, 200 mPas/140C]		✓
FLK-867	Linear low-density polyethylene wax ; LLDPE wax [low MW distribution, metallocene catalyst]		✓
FLK-868	Low-density polyethylene wax ; LDPE wax [200 mPas/140C]		✓
FLK-869	Low-density polyethylene wax ; LDPE wax [high pressure radical polymerization, 375 mPas/140C]		✓

FLK-870	Low-density polyethylene wax ; LDPE wax [high pressure radical polymerization, 4000 mPas/140C]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓
FLK-871	Oxidized high-density polyethylene wax ; Oxidized HDPE wax [4500 mPas/150C]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓
FLK-872	Oxidized high-density polyethylene wax ; Oxidized HDPE wax [2500 mPas/150C]	$\left[ \text{CH}_2\text{CH}_2 \right]_n$	✓
FLK-873	Polypropylene wax ; PP wax [low density]	$\left[ \text{CH}_2\text{CH}(\text{CH}_3) \right]_n$	✓
FLK-874	Poly(alpha-olefin) wax ; PAO wax [long-chain alpha-olefin, crystalline side-chain, metallocene catalyst]	$\left[ \begin{array}{c} \text{H}_2 \text{ H} \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{R} \end{array} \right]_n$ R = alkyl chain	✓
FLK-875	Ethylene-maleic anhydride copolymer ; EMAn	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{O} \quad \text{O} \\ \diagup \quad \diagdown \\ \text{O} \end{array} \right]_n$	✓
FLK-876	Propylene-maleic anhydride copolymer	$\left[ \begin{array}{c} \text{H}_2 \text{ H} \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{CH}_3 \end{array} \right]_m \left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{O} \quad \text{O} \\ \diagup \quad \diagdown \\ \text{O} \end{array} \right]_n$	✓
FLK-877	Ethylene-acrylic acid copolymer ; EAA	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{H} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{OH} \end{array} \right]_n$	✓
FLK-878	Ethylene-vinyl acetate copolymer ; EVAc	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{H} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{O} \\ \diagup \quad \diagdown \\ \text{CH}_3 \end{array} \right]_n$	✓
FLK-879	Calcium ionomer of ethylene-acrylic acid copolymer ; Ca-EAA [low MW]	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{H} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{OR} \end{array} \right]_n$ R = H or 1/2 Ca	✓
FLK-880	Magnesium ionomer of ethylene-acrylic acid copolymer ; Mg-EAA [low MW]	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{H} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{OR} \end{array} \right]_n$ R = H or 1/2 Mg	✓
FLK-881	Sodium ionomer of ethylene-acrylic acid copolymer ; Na-EAA [low MW]	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{H} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{OR} \end{array} \right]_n$ R = H or Na	✓
FLK-882	Zinc ionomer of ethylene-acrylic acid copolymer ; Zn-EAA [low MW]	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{H} \quad \text{C} \\   \quad   \\ \text{O} \quad \text{OR} \end{array} \right]_n$ R = H or 1/2 Zn	✓
FLK-883	alpha-Olefin-maleic anhydride copolymer [alpha-olefin: C30-C60]	$\left[ \begin{array}{c} \text{H}_2 \text{ H} \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{R} \end{array} \right]_m \left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{O} \quad \text{O} \\ \diagup \quad \diagdown \\ \text{O} \end{array} \right]_n$ R = alkyl chain (C <sub>28-58</sub> )	✓
FLK-884	Chlorinated paraffins ; CPs	$\left[ \begin{array}{c} \text{H}_2 \text{ H}_2 \\   \quad   \\ \text{C} - \text{C} \\   \quad   \\ \text{H} \quad \text{C} \\   \quad   \\ \text{Cl} \end{array} \right]_n$	✓
FLK-885	Montanic acid ethyleneglycol ester [various chain length]	$\text{RO}-\text{CH}_2-\text{CH}_2-\text{OR}$ R = CO(CH <sub>2</sub> ) <sub>22-28</sub> CH <sub>3</sub>	✓

FLK-886	Montanic acid glycerol triester [various chain length]	 R = CO(CH <sub>2</sub> ) <sub>22-28</sub> CH <sub>3</sub>	✓
FLK-887	Montanic acid pentaerythritol tetraester [various chain length]	 R = CO(CH <sub>2</sub> ) <sub>22-28</sub> CH <sub>3</sub>	✓
FLK-888	Ester wax of montanic acid [partly saponified]		✓
FLK-889	Polymerized castor oil		✓
FLK-890	Montanic acid [various chain length]	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>22-28</sub> COOH	✓
FLK-891	Rosin-modified maleic resin		✓
FLK-892	Rosin-modified maleic resin		✓
FLK-893	Gum rosin		✓
FLK-894	Gum rosin		✓
FLK-895	Rosin-modified phenolic resin		✓
FLK-896	Rosin-modified phenolic resin		✓
FLK-897	Hydrogenated terpene resin		✓
FLK-898	Petroleum resin C5		✓
FLK-899	Petroleum resin aromatic		✓

Entry ID	Name	Newly Added in Ver.3.6
FLE-0101	Corrugated fiberboard (Polypropylene, SUNPLY HP30050)	

FLE-0102	Foam (Blistered, polyethylene, SOFTLON Z LD15)	
FLE-0103	Foam (Blistered, polyethylene, SOFTLON Z HD30)	
FLE-0104	Paper tube	
FLE-0105	Paper (Thin, Miroku)	
FLE-0106	Adhesive agent (Jet-Melt 3792LM )	
FLE-0107	Film sheet (Polyester, Hostaphan 43SM)	
FLE-0108	Polyester and cotton	
FLE-0109	Paper (Acid-free, fiberboard, Archival board W)	
FLE-0110	Film (Polyester, RFT25)	
FLE-0111	Corrugated board (Polypropylene, Coloplast)	
FLE-0113	Paper (Thin, IL Tissue)	
FLE-0114	Tube (Poly(vinyl chloride), PVC)	
FLE-0115	Paper (Thin, SIL Tissue)	
FLE-0116	Screw (Polyethylene, plastic corrugated board)	
FLE-0201	Film (Poly(ethylene terephthalate), PET, Melinex 516)	
FLE-0202	Film (Poly(ethylene terephthalate), PET, Teijin Teton film)	
FLE-0203	Film (Poly(ethylene terephthalate), PET, Lumiler #16S28)	
FLE-0204	Paper (Acid-free, Pure Mat)	
FLE-0205	Paper (Acid-free, Pure Guard 120)	
FLE-0206	Cotton tape (For historical material preservation, type A)	
FLE-0207	Cotton tape (For historical material preservation, type B)	
FLE-0208	Paper (Acid-free paper, back sizing label, AF Protect H)	
FLE-0209	Foam (Crosslinked polyethylene foam, Softlon S #3005)	
FLE-0210	Thick board (Crosslinked polyethylene foam, Softlon board #1500)	
FLE-0211	Thick board (Regular closed-cell polyethylene foam, Ethafoam wrapping paper)	
FLE-0212	Sheet (Regular closed-cell polyethylene foam, Ethafoam wrapping paper)	
FLE-0301	Alkyl ketene dimer (K-903)	
FLE-0302	Starch (Cationized)	
FLE-0303	Wood pulp (Needle-leaved tree bleached sulfurous acid pulp, NBSP)	
FLE-0304	Wood pulp (Needle-leaved tree bleached kraft pulp, NBKP)	
FLE-0305	Wood pulp (Needle-leaved tree bleached kraft pulp, NBKP)	
FLE-0306	Paper (Japanese paper, paper mulberry 100 %, 9 momme)	

FLE-0307	Paper (Thin roll)	
FLE-0308	Raw cotton	
FLE-0309	Film (Filmoplast R, acrylic adhesive agent)	
FLE-0310	Non-woven fabrics (Polyethylene, Tyvek(R) #1073D)	
FLE-0311	Nylon (Carl-fastener)	
FLE-0312	SR tube (Silicone rubber)	
FLE-0313	Foam (Polyethylene, SUNTEC foam, Q25)	
FLE-0314	Foam wrapping paper (Polyethylene, Ethafoam(R))	
FLE-0401	Sheet (Silicone rubber)	
FLE-0402	Paste (Carboxymethylcellulose, CMC, Serogen 3H)	
FLE-0403	Paper (Non-buffer paper, Pure Guard 120 white)	
FLE-0404	Paper (Storing box)	
FLE-0405	Cotton (Supima, unbleached, Japanese product)	
FLE-0406	Wrapping film (Polyethylene, YUKAWRAP)	
FLE-0407	Tape (Double coated, polyester, ST-415, adhesive agent: acrylic)	
FLE-0408	Tape (Double coated, polyester, 4591HH, adhesive agent: acrylic)	
FLE-0409	Paper (Neutral glassine, thin paper)	
FLE-0410	Hemp (Manila hemp, 100%, roll)	
FLE-0411	Bag (Polyethylene, for business use)	
FLE-0412	Bag (Polyethylene, with chuck)	
FLE-0413	Paper (Shelf board, high weighting-resistant honeycomb structure)	
FLE-0414	Paper (Shelf board, neutral paper honeycomb structure)	
FLE-0501	Rayon (Regenerated cellulosic fiber)	
FLE-0502	Adhesive tape (Rayon, filmoplast SH)	
FLE-0503	Pulp (AF hard board, thickness : 0.45mm)	
FLE-0504	Non-woven fabrics (Bright, rayon and pulp mixed)	
FLE-0505	Non-woven fabrics (Mesh, rayon and pulp mixed)	
FLE-0506	Filter paper 1chr (Qualitative use, cellulose)	
FLE-0507	Filter paper 3MMchr (Qualitative use, cellulose)	
FLE-0508	Paint (Acrylic resin, titanium white)	
FLE-0509	Rubber for display (Styrene-butadiene rubber, NR SHEET T2-500W x 1000T)	
FLE-0510	Soft rubber (Chloroprene rubber and inorganic carbonate, for display)	

FLE-0511	Paper (Felt for display, gray)	
FLE-0512	Paper (Wallpaper, LY-1929 plain textile for display)	
FLE-0513	Starch glue (Fueki starch)	
FLE-0514	Acrylic resin (Color tone No. 310 light blue)	
FLE-0601	Plywood 4 (Immediately sealed up after acquisition)	
FLE-0602	Plywood 4 (Sealed up after setting outside for 40 days)	
FLE-0603	Plywood 4 (Sealed up after setting outside for 50 days)	
FLE-0604	Plywood 4 (Sealed up after setting in exhibit space for 10 days)	
FLE-0605	Plywood 4 (Sealed up after setting in exhibit space for 40 days)	
FLE-0606	Plywood 4 (Sealed up after setting in exhibit space for 50 days)	
FLE-0607	Paper (Pure mat white, heavy, cellulose)	
FLE-0608	Paper (Pure mat cream, extra heavy, cellulose)	
FLE-0609	Paper (Archival board, cellulose)	
FLE-0610	Paper (Japanese paper, new paper mulberry 30%, recycling paper mulberry 70%)	
FLE-0611	Tape (Double-side, ST-415 No.1)	
FLE-0612	Tape (Double-side, ST-415 No.2)	
FLE-0613	Tape (Double-side, ST-415 No.3)	
FLE-0614	Tape (Double-side, ST-416P)	
FLE-0701	Plywood 4 cross section (Immediately sealed up after acquisition)	
FLE-0702	Plywood 4 cross section (Sealed up after setting outside for 40 days)	
FLE-0703	Plywood 4 cross section (Sealed up after setting outside for 50 days)	
FLE-0704	Plywood 4 cross section (Sealed up after setting in exhibit space for 10 days)	
FLE-0705	Plywood 4 cross section (Sealed up after setting in exhibit space for 40 days)	
FLE-0706	Plywood 4 cross section (Sealed up after setting in exhibit space for 50 days)	
FLE-0707	Resin sheet (Polypropylene, thickness : 1mm)	
FLE-0708	Resin sheet (Polyethylene, thickness : 1mm)	
FLE-0709	Paper (Wall paper, Display Design ynk 411)	
FLE-0710	Cloth (G Poplin T-2000 17, G17)	
FLE-0711	Paper (LY-6891)	
FLE-0712	Adhesive sheet (Ethylene-acrylic acid copolymer, HKC-875)	
FLE-0713	Cloth No.1 (Subsidiary display material)	
FLE-0714	Cloth No.2 (Subsidiary display material, gauze)	

FLE-0801	Paper (True core archival boxboard slide bins)	
FLE-0802	Adhesive part (True core archival boxboard slide bins)	
FLE-0803	Paper (Partition, microchamber board)	
FLE-0804	Paper (Slide mount board, white, 35mm)	
FLE-0805	Film (Inside of HOSHO negative film folder 135 mm, polypropylene)	
FLE-0806	Paper (Inside of negative cover 120 mm, glassine paper)	
FLE-0807	Paper (Archival Labels, acid-free)	
FLE-0808	Paper (Archival Laser Labels, acid-free, acrylic adhesive agent)	
FLE-0809	Archival Polyweld Pockets APS 06B (Poly(ethylene terephthalate), PET, Melinex516/O)	
FLE-0810	Clear bag (Polypropylene, Film pack 120)	
FLE-0811	Mount (Polyethylene, milky white mount of Film pack 120)	
FLE-0812	Clear bag (Polypropylene, OP-69)	
FLE-0813	Paper (Adsorption board No.1, preservation box)	
FLE-0814	Paper (Japanese paper, Torinoko YB332)	
FLE-0901	Paper (Japanese paper)	
FLE-0902	SR tube (Silicone rubber, SR-1554, 1mm x 2mm x 100mm)	
FLE-0903	Silicone tube (External diameter: 2mm, internal diameter: 1mm)	
FLE-0904	Polytetrafluoroethylene (PTFE) tube (External diameter: 2mm, internal diameter: 1mm, thickness: 0.5mm)	
FLE-0905	Polytetrafluoroethylene-perfluoroalkylvinylether (PFA) tube (external diameter: 2mm, internal diameter: 1mm, thickness: 0.5mm)	
FLE-0906	Tygon tube (R-3603, external diameter: 3.18mm, internal diameter: 1.59mm, thickness: 0.8mm)	
FLE-0907	NDL label 1 (Label for collected material)	
FLE-0908	NDL label 2 (Label for arrangement of books)	
FLE-0909	NDL label 3 (Label for serial publication)	
FLE-0910	NDL label 4 (Old retroactivity label)	
FLE-0911	NDL label 5 (LC-1 label)	
FLE-0912	NDL label 6 (LC-2 label)	
FLE-0913	NDL label 7 (LC-3 label Computype TS505)	
FLE-0914	NDL label 8 (LC-4 label QC1056)	
FLE-0915	NDL label 9 (LC-5 label QC1502)	
FLE-1001	Tube bandage (NE192 No.2)	
FLE-1002	Tape (Double-faced, black, width: 10mm)	
FLE-1003	Microchamber board (Outside: alkali buffer paper)	



FLE-1004	Microchamber board (Middle: active charcal and molecular sieve)	
FLE-1005	Microchamber board (Inside: neutral paper)	
FLE-1006	Non-woven fabrics (NR91050, Rayon + pulp mixed)	
FLE-1007	Deteriorated book of Japanese Diet Library No.12 (Edge)	
FLE-1008	Deteriorated book of Japanese Diet Library No.12 (Middle)	
FLE-1009	Bubble wrap (Polyethylene, #40)	
FLE-1010	Substrate of adhesive tape (Polyethylene, Pyolan cloth for curing Y09CL)	
FLE-1012	Preservation box (Proof processing, polypropylene film)	
FLE-1013	Preservation box (Olefin-based adhesive)	
FLE-1101	Non-woven fabrics KP8340	
FLE-1102	Non-woven fabrics KP8380	
FLE-1103	Non-woven fabrics KP9340	
FLE-1104	Non-woven fabrics KP9380	
FLE-1105	Polyethylene sheet (L-LDPE)	
FLE-1201	Cloth EU-21	
FLE-1202	Cloth EU-184	
FLE-1203	Cloth EU-212	
FLE-1204	Moisture proof sheet (Polyethylene, polypropylene and polyester)	
FLE-1205	Wrapping film (Vinyl chloride-vinylidene chloride copolymer, P(VC-VdC), moisture proof sheet)	
FLE-1206	Plywood t: 12mm (Front, pink surface)	
FLE-1207	Plywood t: 12mm (Back, green surface)	
FLE-1208	Plywood t: 12mm (Cross section)	
FLE-1209	Urethane clear coating (Aqurex No.3350, aqueous)	
FLE-1210	Inside of container (Polyethylene)	
FLE-1211	Inner lid of container (Polyethylene)	
FLE-1212	Adhesive agent (Moisture proof sheet tape, aluminium tape)	
FLE-1213	Substrate of moisture proof sheet tape (Polypropylene)	
FLE-1214	Adhesive agent (Moisture proof sheet tape)	
FLE-1301	Cloth YD401-1	
FLE-1302	Cloth YD405-1	
FLE-1303	Japanese paper (Torinoko YB305)	
FLE-1304	Japanese paper (Torinoko YB326)	
FLE-1305	Japanese paper (Torinoko YB330)	
FLE-1306	Matte paper (SC628)	
FLE-1307	Acrylic plate Comoglas transparency (t: 8mm)	
FLE-1308	Cloth undercoating sealer (Seal up)	
FLE-1309	Cloth undercoating sealer (Plazol SS)	
FLE-1310	Cloth putty (Revlon)	
FLE-1311	Cloth paste (Adhesive, health coat)	
FLE-1312	Cotton (Raw cotton)	
FLE-1313	Adhesive agent (Starch-based, for wallpaper)	
FLE-1314	Tape (Transparent, Scotch R)	