

SOLICRYL F678

Product Description

SOLICRYL F678 is a mid to high molecular weight range of our solid acrylic resin product line. It is a glycol ether free resin for use in water-based inks and overprint varnishes

Physical Properties

Appearance	Clear to white granules
Non-Volatile (Optimum)	>99 %
Molecular Weight (wt. av.)	8,500
Acid Value	215
Density at 25 °C	1.10 g/cm ³
Glass Transition Temp (DSC)	100 ~ 105 °C

Applications

- 1) Used as an extender in water-based overprint varnishes and inks
- 2) Produce water-based pigment dispersions

Attributes & Benefits

- 1) Excellent color strength development
- 2) Excellent transfer and printability
- 3) Good gloss and hold out

Packing & Storage

25KG Paper Bag / 500kg per Pallet

- Shelf Life is 2 years

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.

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Typical solution of SOLICRYL F678

32.0 parts	SOLICRYL F678
9.0 parts	Ammonia 25%
59.0 parts	Water
***pH 8.0 – 8.5 / Viscosity 1000 - 2000 cps	

Typical Formulations Using SOLICRYL F678

1. General Purpose OPV

62.5 parts	Joncryl 90 (or equivalent)
26.5 parts	SOLICRYL F678 (solution)
2.5 parts	Dowanol DPM
3.0 parts	Wetting Agent
5.0 parts	PE Wax Emulsion
0.5 parts	Defoamer

2. Pigment Concentrate

34.0 parts	SOLICRYL F678 (solution)
34.0 parts	Organic Pigment
3.0 parts	Wetting agent
1.0 parts	Defoamer
28.0 parts	Water

3. Printing Ink for Paper/Paperboard

43.0 parts	Pigment Concentrate
10.0 parts	SOLICRYL F678 (solution)
40.0 parts	Joncryl 77 (or equivalent)
0.5 parts	Defoamer
5.0 parts	PE Wax Emulsion
1.5 parts	Water

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