

SOLICRYL F680

Product Description

SOLICRYL F680 is a mid molecular weight range of our solid acrylic resin product line. It is designed to be used as an extender in overprint varnishes and inks and to produce water-based pigment dispersions.

Physical Properties

Appearance	Clear to white granules
Non-Volatile (Optimum)	>99 %
Molecular Weight (wt. av.)	5,000
Acid Value	215
Density at 25 °C	1.15 g/cm ³
Glass Transition Temp (DSC)	65 ~ 70 °C

Applications

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

Attributes & Benefits

- 1) Excellent transfer and printability
- 2) Good gloss and hold out
- 3) Produces high solid solutions

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

37.0 parts	SOLICRYL F680
9.0 parts	Ammonia 25%
54.0 parts	Water
***pH 8.0 – 8.5 / Viscosity 4000 - 5000 cps	

Typical Formulations Using SOLICRYL F680

1. General Purpose OPV

64.5 parts	Joncryl 90 (or equivalent)
24.5 parts	SOLICRYL F680 (solution)
2.5 parts	Dowanol DPM
3.0 parts	Wetting Agent
5.0 parts	PE Wax Emulsion
0.5 parts	Defoamer

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