

SOLICRYL F682

Product Description

SOLICRYL F682 is a low molecular weight range of our solid acrylic resin product line. It is used in high solids water-based overprint varnishes.

Physical Properties

Appearance	Clear to white granules
Non-Volatile (Optimum)	>99 %
Molecular Weight (wt. av.)	1,800
Acid Value	235
Density at 25 °C	1.15 g/cm ³
Glass Transition Temp (DSC)	55 ~ 60 °C

Applications

- 1) Used as an extender in water-based overprint varnishes
- 2) Produce high-gloss water-based finishes

Attributes & Benefits

- 1) Excellent gloss
- 2) High solid / low viscosity solutions
- 3) Excellent re-solubility

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 F682

44.0 parts	SOLICRYL F682
13.0 parts	Ammonia 25%
43.0 parts	Water
***pH 8.0 / Viscosity 850 cps	

Typical Formulations Using SOLICRYL F682

Formulations:	A	B
Joncryl 8064 (or equivalent)	72.0	----
Joncryl 90 (or equivalent)	----	62.5
SOLICRYL F682	18.0	26.5
Dowanol DPM	----	2.5
Wetting Agent	3.0	3.0
PE Wax Emulsion	5.0	5.0
Defoamer	0.5	0.5
Water	1.5	----

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