

Joncryl[®] 50

Product Description	Joncryl 50 is a low VOC solution of Joncryl 682, a very low molecular weight acrylic resin for overprint varnish applications.
Key Features & Benefits	<ul style="list-style-type: none">- <i>Excellent clarity</i>- <i>High gloss and holdout</i>- <i>Low VOC</i>
Chemical Composition	Styrene acrylic resin solution

Properties

Typical Properties	Appearance		clear amber liquid
	Non-volatile at 145°C	%	50.0
	pH at 25°C		8.4
	Viscosity at 25°C	cps	5000
	Molecular weight (Mw)		1,700
	Acid number (NV)		238
	Density at 25°C	g/cm ³	1.11
	Softening point	°C	105
	MFFT	°C	< 5
	Tg	°C	56
	Freeze-thaw stable		Yes
	Total VOC	% wt	0.2

These typical values should not be interpreted as specifications.

Applications

Joncryl 50 is a 50% solids solution of Joncryl 682, an acrylic resin in water and ammonia. It is designed to allow the formulation of low Volatile Organic Compounds (VOC), high solids overprint varnishes with high gloss and excellent holdout.

Joncryl 50 is recommended for applications such as:

- Overprint varnishes for commercial, publication, or packaging applications

Safety

General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State and Local health and safety regulations, thorough ventilation of the workplace, good skin care and wearing of protective goggles.

Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Joncryl 50.

Storage

Please refer to the "Handling and Storage of polymer dispersions" brochure.

Important

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