

Joncryl® 61

Product Description	Joncryl 61 is a solution of Joncryl 678, a general purpose, mid-range molecular weight resin for printing ink and overprint varnish applications.
Key Features & Benefits	<ul style="list-style-type: none">- Promotes resolubility- Good gloss and holdout- Good clarity
Chemical Composition	Styrene acrylic resin solution

Properties

Typical Properties	Appearance		clear to yellow liquid
	Non-volatile at 145°C	%	35.5
	pH at 25°C		8.3
	Viscosity at 25°C	cps	3,500
	Molecular weight (Mw)		8,500
	Acid number (NV)		215
	Density at 25°C	g/cm ³	1.06
	Flash point	°C	45
	Softening point (ring and ball)	°C	145
	MFFT	°C	145
	Tg	°C	109
	Freeze-thaw stable		Yes
	Total VOC	% wt	5.7

* These typical values should not be interpreted as specifications.

Applications

Joncryl 61 is a 35% solids solution of Joncryl 678 acrylic resin in water, isopropanol, propylene glycol, and ammonia. This resin solution has a mid-range molecular weight that promotes broad utility, gloss, holdout, and resolubility in ink and overprint varnish formulations. It can also be used to produce inorganic and organic dispersions.

Joncryl 61 is recommended for applications such as:

- Pigment dispersions for printing ink applications
- Printing inks for flexographic or gravure applications
- 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 61.

Storage

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

Important

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