

Printing & Packaging

Technical Data Sheet

Joncryl® 60



Product Description	Joncryl® 60 is a low VOC solution of Joncryl 678, a general purpose, mid-range molecular weight acrylic resin for pigment dispersion, 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 yellow liquid
	Non-volatile at 145°C (2g, 60 minutes)	~ 35.0%
	pH at 25°C	~ 8.9
	Viscosity at 25°C (Brookfield #4LV, 30 rpm, 30 seconds)	~ 7,000 cps
	Molecular weight (Mw)	8,500
	Acid number (NV)	~ 215
	Density at 25°C	1.07 g/cm ³
	Softening point (ring and ball)	145°C
	MFFT	10°C
	Tg	85°C
	Freeze-thaw stable	Yes
	Total VOC	0.5% wt

These typical values should not be interpreted as specifications.

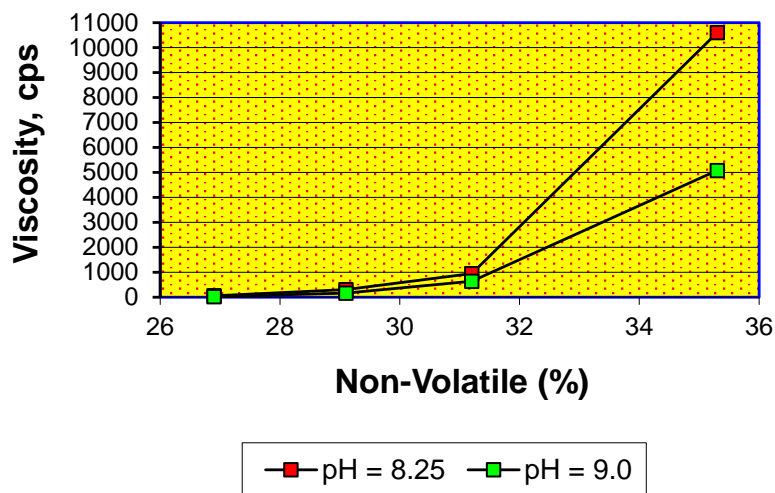
Applications

Joncryl® 60 is a 34% solid, low VOC solution of Joncryl® 678 acrylic resin in water and ammonia. This product promotes gloss, holdout, and resolubility in ink and overprint varnish formulations and can also be used to produce inorganic and organic pigment dispersions.

Joncryl® 60 is recommended for applications such as:

- Inorganic and organic pigment dispersions
- Printing inks for flexographic or gravure applications
- Overprint varnishes for packaging, commercial, or publication applications

Viscosity Profile of Joncryl® 60



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® 60.

Important

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