

Joncryl[®] 655

Product Description	Joncryl 655 is a low molecular weight acrylic colloidal emulsion for pigment dispersions and printing ink applications.
Key Features & Benefits	<ul style="list-style-type: none">- Sole vehicle for carbon black- Letdown vehicle for organic colors- Good ink transfer
Chemical Composition	Styrene acrylic colloidal emulsion

Properties

Typical Properties	Appearance		opaque emulsion
	Non-volatile	%	41.5
	pH at 25°C		6.3
	Molecular weight (Mw)		25,000
	Acid number (NV)		128
	Viscosity at 25°C	cps	19
	Density at 25°C	g/cm ³	1.05
	MFFT	°C	< 7
	Tg	°C	25
	Freeze-thaw stable		No
	Total VOC	% wt	< 0.005

These typical values should not be interpreted as specifications.

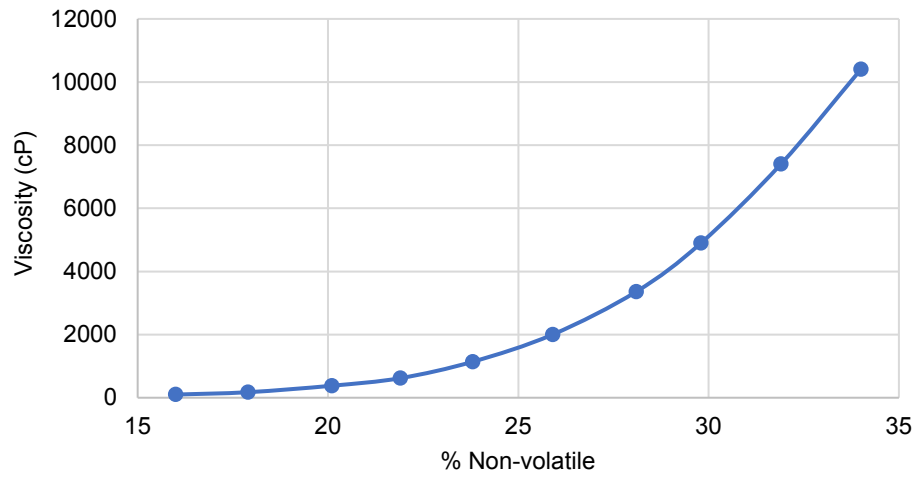
Applications

Joncryl 655 is a low molecular weight, acrylic colloidal emulsion designed as a sole vehicle in carbon black ink applications for paper, paperboard, and corrugated substrates. This emulsion is also recommended as a letdown vehicle for organic pigment dispersions and can be used to disperse inorganic pigments.

Joncryl 655 is recommended for applications such as:

- Pigment dispersions
- Printing inks for flexographic or gravure applications

Joncryl 655 Viscosity vs. % NV @ pH 8.5



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 655.

Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

Important

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