

Printing & Packaging

Technical Data Sheet

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 at 145°C (2g, 30 min)	~ 42.5%
	pH at 25°C	~ 6.6
	Molecular weight (Mw)	25,000
	Acid number (NV)	128
	Viscosity	19 cps
	Density at 25°C	1.05 g/cm ³
	MFFT	< 7°C
	Tg	25°C
	Freeze-thaw stable	No
	Total VOC	< 0.005% wt

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

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.

Important

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