

Functional Packaging Coatings

Technical Data Sheet

Joncryl® 617-A



Product Description	Joncryl® 617-A is a medium-range, film forming, Rheology Controlled (RC) acrylic emulsion for functional packaging coating applications.
Key Features & Benefits	<ul style="list-style-type: none">- Good film formation- Rub resistance- Water resistance
Chemical Composition	RC acrylic emulsion

Properties

Typical Properties	Appearance	semi-translucent emulsion
	Non-volatile at 145°C (2g, 60 min)	~ 46.0 %
	pH at 25°C	~ 8.0
	Viscosity at 25°C (#2 LV, 12 rpm, 30 sec)	~ 1000 cps
	Molecular weight (Mw)	> 200,000
	Acid number (NV)	50
	Density at 25°C	1.03 g/cm ³
	MFFT	< 5°C
	Tg	7°C
	Freeze-thaw stable	Yes
	Total VOC	0.8% wt

These typical values should not be interpreted as specifications.

Applications

Joncryl® 617-A is a medium-range, film forming, RC acrylic polymer emulsion designed for inks and overprint varnishes for paper, paperboard, and primed foil. It provides film formation, rub resistance and water resistance to ink and overprint varnish formulations.

Joncryl® 617-A is recommended for applications such as:

- Overprint varnishes for packaging applications
- Functional packaging coatings 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® 617-A.

Important

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