

Joncryl[®] 2178-A

Product Description	Joncryl 2178-A is a film forming, Rheology Controlled (RC) acrylic emulsion for functional packaging coating applications.
Key Features & Benefits	<ul style="list-style-type: none">- <i>Dry and wet block resistance</i>- <i>Non-skid properties</i>- <i>Excellent printability</i>- <i>Glycol ether free, HAPS free</i>
Chemical Composition	RC acrylic emulsion

Properties

Typical Properties	Appearance	translucent emulsion
	Molecular weight (Mw)	> 200,000
	Non-volatile	% 44.0
	pH	8.5
	Acid number (NV)	66
	Viscosity at 25°C	cps 800
	Density at 25°C	g/cm ³ 1.04
	MFFT	°C < 0
	Tg	°C 42
	Freeze-thaw stable	No
	Total VOC	% wt 0.06
	Glycol ether level	% wt < 0.002

These typical values should not be interpreted as specifications.

Application

Joncryl 2178-A is a hard film forming, RC acrylic emulsion with excellent wet and dry block resistance that provides a high slide angle. This combination of properties makes it ideal as a fundamental building block in multi-wall bag and beverage carton formulations. Maximum wet/dry block resistance is obtained when using this emulsion in ink and overprint formulations. In addition, this product provides gloss, printability, and rub resistance to formulations.

Since Joncryl 2178-A is a glycol ether-free, low VOC emulsion, it is ideal for demanding packaging applications like confectionery and food packaging markets that cannot tolerate solvent odor contamination.

Joncryl 2178-A is recommended for applications such as:

- Functional packaging coatings for barrier 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 2178-A.

Storage

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

Important

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