

Joncryl® DFC 3040

Product Description	Joncryl DFC 3040 is a hard film forming, direct food contact compliant, RC acrylic emulsion for printing ink, overprint varnish, and functional packaging coating applications.
Key Features & Benefits	<ul style="list-style-type: none">- FDA compliant*- Rub and block resistant- Very low VOC
Chemical Composition	RC acrylic emulsion

*The FDA status is available upon request from the contact information provided below.

Properties

Typical Properties	Appearance		semi-translucent emulsion
	Non-volatile	%	46.0
	pH at 25°C		8.2
	Viscosity at 25°C	cps	500
	Molecular weight (Mw)		> 200,000
	Acid number (NV)		55
	Density at 25°C	g/cm ³	1.04
	MFFT	°C	11
	Tg	°C	21
	Freeze-thaw stable		Yes
	Total VOC	% wt	< 0.1

* These typical values should not be interpreted as specifications.

Applications

Joncryl DFC 3040 is a hard film forming, RC acrylic emulsion that provides rub and block resistance to ink, overprint varnish, and functional packaging coating formulations. It may be used in paper coatings and polyolefin film applications that require direct contact with food in a broad range of conditions. Please request a Food Contact Statement for details.

Joncryl DFC 3040 is recommended for applications such as:

- Printing inks
- Overprint varnishes for packaging applications
- 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 DFC 3040.

Storage

Please refer to the "Handling and Storage of polymer dispersions" brochure.

Important

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