

Printing & Packaging

Functional Packaging Coatings

Technical Data Sheet

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 at 145°C (2g, 60 min)	~ 47.0%
	pH at 25°C	~ 8.6
	Viscosity at 25°C (#2 LV, 30 rpm, 30 sec)	~ 800 cps
	Molecular weight (Mw)	> 200,000
	Acid number (NV)	55
	Density at 25°C	1.04 g/cm ³
	MFFT	11°C
	Tg	21°C
	Freeze-thaw stable	Yes
	Total VOC	< 0.1% wt

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 for direct food contact applications.

This product may be used in paper coatings and polyolefin film applications requiring direct contact with food types and under all use conditions except extended shelf storage after cooking in the package.

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.

Important

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