

# Joncryl<sup>®</sup> DFC 3030

<b>Product Description</b>	Joncryl DFC 3030 is soft film forming, food contact compliant, rheology controlled (RC) acrylic emulsion for printing ink, overprint varnish, and functional packaging coating applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- FDA compliant*</li><li>- Water and grease resistant</li><li>- Very low VOC</li><li>- High coefficient of friction (COF)</li></ul>
<b>Chemical Composition</b>	RC acrylic emulsion

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

## Properties

### Typical Properties

Appearance		translucent emulsion
Non-volatile	%	47.4
pH at 25°C		7.9
Viscosity at 25°C	cps	1,150
Molecular weight (Mw)		> 200,000
Acid number (NV)		64
Density at 25°C	g/cm <sup>3</sup>	1.04
MFFT	°C	< 5
Tg	°C	- 27
Freeze-thaw stable		Yes
Total VOC	% wt	< 0.1

\* These typical values should not be interpreted as specifications.

## Applications

Joncryl DFC 3030 is a soft film forming, RC acrylic emulsion that provides flexibility, film formation, and water 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 3030 is recommended for applications such as:

- Printing inks
- Overprint varnishes for packaging, commercial, or publication applications
- Functional packaging coatings for barrier applications

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## 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 3030.

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## Storage

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

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## Important

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