

Joncryl[®] DFC 3050

Product Description	Joncryl DFC 3050 is a non-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*- Fast dry- 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		opaque emulsion
	Non-volatile	%	48.2
	pH at 25°C		8.3
	Viscosity at 25°C	cps	850
	Molecular weight (Mw)		> 200,000
	Acid number (NV)		49
	Density at 25°C	g/cm ³	1.04
	MFFT	°C	> 80
	Tg	°C	99
	Freeze-thaw stable		Yes
	Total VOC	% wt	< 0.05

* These typical values should not be interpreted as specifications.

Applications

Joncryl DFC 3050 is a non-film forming, RC acrylic emulsion that provides dry and block resistance to ink, overprint varnish, and functional packaging coating formulations for direct food contact applications. 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 3050 is recommended for applications such as:

- Printing inks
- 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 DFC 3050.

Storage

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

Important

WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, THEY ARE PROVIDED FOR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, BASF RECOMMENDS THAT THE READER MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR A PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF BASF'S TERMS AND CONDITIONS OF SALE. FURTHER, THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY BASF HEREUNDER ARE GIVEN GRATIS AND BASF ASSUMES NO OBLIGATION OR LIABILITY FOR THE DESCRIPTIONS, DESIGNS, DATA OR INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT THE READER'S RISK.

Joncryl is a registered trademark of BASF Group.

© BASF Corporation, 2023



BASF Corporation is fully committed to the Responsible Care® Initiative in the USA, Canada, and Mexico.
For more information on Responsible Care® go to:
U.S.: www.basf.us/responsiblecare_usa
Canada: www.basf.us/responsiblecare_canada
México: www.basf.us/responsiblecare_mexico

BASF Corporation

Dispersions and Resins
11501 Steele Creek Road
Charlotte, North Carolina 28273
Phone: (800) 251 – 0612
Email: CustCare-Charlotte@basf.com
www.basf.us/dpsolutions

