

Printing & Packaging

Functional Packaging Coatings

Technical Data Sheet

Joncryl[®] DFC 3025



Product Description Joncryl[®] DFC 3025 is a direct food contact compliant, medium molecular weight resin solution for printing ink, overprint varnish, and functional packaging coating applications.

Key Features & Benefits

- FDA compliant*
- Promotes gloss, holdout, and resolubility
- Very low VOC

Chemical Composition Styrene acrylic resin solution

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

Properties

Typical Properties

Appearance	clear liquid
Non-volatile at 145°C (2g, 60 min)	~ 35.4%
pH at 25°C	~ 9.0
Viscosity at 25°C (#3 LV, 12 rpm, 60 sec)	~ 5,500 cps
Molecular weight (Mw)	5,800
Acid number (NV)	220
Density at 25°C	1.07 g/cm ³
MFFT	81°C
Tg	95°C
Freeze-thaw stable	Yes
Total VOC	< 0.2% wt

These typical values should not be interpreted as specifications.

Applications

Joncryl[®] DFC 3025 is a solution of a mid-range molecular weight acrylic resin. It provides gloss, holdout, and resolubility to inks and overprint varnishes for direct food contact applications. It may be used in paper coatings and polyolefin film applications that require direct contact with food types and under all use conditions with the exception of extended shelf storage after cooking in the package.

Joncryl[®] DFC 3025 is recommended for applications such as:

- Printing ink applications
- Overprint varnishes for commercial, publication, or packaging 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 3025.

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, 2016



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

U.S & Canada

BASF Corporation
24710 W Eleven Mile Road
Southfield, MI 48033
ph: 1(800) 231-7868
fax: 1(800) 392-7429
Email: Custserv_charlotte@basf.com
Email: edtech_info@basf.com
www.basf.us/dpsolutions

Mexico

BASF Mexicana, S.A. de C.V.
Av. Insurgentes Sur # 975
Col. Ciudad de los Deportes
C.P. 03710
Mexico, D.F.
Phone: (52-55) 5325-2756
Fax: (52-55) 5723-3011