

Printing & Packaging

Technical Data Sheet

Joncryl[®] 2646



Product Description	Joncryl [®] 2646 is a high gloss, Rheology Controlled (RC) acrylic emulsion for high density polyethylene (HDPE) film ink applications.
Key Features & Benefits	<ul style="list-style-type: none">- Good press resolubility- Gloss and transparency- Early water resistance
Chemical Composition	RC acrylic emulsion

Properties

Typical Properties	Appearance	semi-translucent emulsion
	Non-volatile at 145°C (2g, 60 min)	~ 49.0%
	pH at 25°C	~ 8.8
	Viscosity at 25°C (#2 LV, 30 rpm, 30 sec)	~ 700 cps
	Molecular weight (Mw)	200,000
	Acid number (NV)	45
	Density at 25°C	1.03 g/cm ³
	MFFT	< 5°C
	Tg	- 9°C
	Freeze-thaw stable	No
	Total VOC	0.3% wt

These typical values should not be interpreted as specifications.

Applications

Joncryl[®] 2646 is a cost-effective, film forming, RC acrylic emulsion that provides adhesion and gloss and water resistance to HDPE film ink applications. The high solids, low viscosity characteristics of this emulsion allow the formulation of high strength, low viscosity inks.

Joncryl[®] 2646 is recommended for applications such as:

- Printing inks for flexographic or gravure 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® 2646.

Important

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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