

# Printing & Packaging

## Technical Data Sheet

# Joncryl<sup>®</sup> 660 DPM



<b>Product Description</b>	Joncryl 660 DPM is a hot mar-resistant, Rheology Controlled (RC) acrylic emulsion for pre-print corrugated overprint applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- Excellent rub resistance</li><li>- Hot scuff resistance</li><li>- Heat blush resistance</li></ul>
<b>Chemical Composition</b>	RC acrylic emulsion

### Properties

<b>Typical Characteristics</b>	Appearance	translucent emulsion
	Non-volatile	33%
	pH	8.5
	Acid number (NV)	203
	Viscosity at 25°C (Brookfield #2 LVF spindle, 30 rpm)	400 cps
	Density at 25°C	1.08 g/cm <sup>3</sup>
	MFFT	< 0°C
	Tg	27°C
	Freeze-thaw stable	Yes
	Total VOC	4.0% wt

### Applications

Joncryl 660 DPM is a hard film forming, RC acrylic emulsion designed to resist hot scuffing during the corrugation process of pre-printed linerboard. This emulsion was developed to provide the highest hot mar-resistant properties without the need for zinc or zirconium crosslinkers.

Additionally, Joncryl 660 DPM provides inherent rub resistance, which allows for the reduction or even elimination of waxes or anti-rub additives used to obtain higher slide angle formulations.

Joncryl 660 DPM is recommended for applications such as:

- Overprint varnishes for packaging applications

## Starting Point Formulation

The following starting point formulations are recommended for initial evaluations of Joncryl 660 DPM. Further optimization of the formulations will be required to achieve desired results for specific applications.

### Preprint Overprint Varnish Formulation

Joncryl 660 DPM	80.0
Defoamer	0.2
Water	<u>19.8</u>
TOTAL	100.0

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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.

### Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Joncryl 660 DPM.

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