

Joncryl® 660 DPM

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

Properties

Typical Properties	Appearance		translucent emulsion
	Non-volatile	%	33
	pH		8.5
	Acid number (NV)		203
	Viscosity at 25°C	cps	400
	Density at 25°C	g/cm ³	1.08
	MFFT	°C	< 0
	Tg	°C	27
	Freeze-thaw stable		Yes
	Total VOC	% wt	4.0

* These typical values should not be interpreted as specifications.

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	19.8
TOTAL	100.0

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 660 DPM.

Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

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