

Joncryl[®] LMV 7051

Product Description	Joncryl LMV 7051 is a low maintenance, pH-stable, non-film forming, Rheology Controlled (RC) acrylic emulsion for printing ink applications.
Key Features & Benefits	<ul style="list-style-type: none">- Low on-press pH maintenance required- Excellent resolubility- High gloss and holdout
Chemical Composition	RC acrylic emulsion

Properties

Typical Properties	Appearance		opaque emulsion
	Non-volatile	%	44.5
	pH at 25°C		7.5
	Viscosity at 25°C	cps	450
	Molecular weight (Mw)		> 200,000
	Acid number (NV)		115
	Density at 25°C	g/cm ³	1.04
	MFFT	°C	56
	Tg	°C	98
	Freeze-thaw stable		Yes
	Total VOC	% wt	0.3

These typical values should not be interpreted as specifications.

Applications

Joncryl LMV 7051 is a low maintenance, pH-stable, non-film forming, RC acrylic emulsion that provides high gloss and holdout in ink formulations for paper and paperboard substrates. This product can be used to formulate high performance inks that do not rely on press-side modifications of pH with ammonium hydroxide or organic amines and is compatible with a wide range of formulation components.

The combination of good drying speed and excellent resolubility of Joncryl LMV 7051 allows the formulator to produce high gloss inks that produce sharp line work and precise process dots.

Joncryl LMV 7051 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 LMV 7051.

Storage

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

Important

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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