

# Joncryl<sup>®</sup> LMV 7050

<b>Product Description</b>	Joncryl LMV 7050 is a low maintenance, pH-stable, Rheology Controlled (RC) acrylic emulsion for printing ink applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- Low on-press pH maintenance required</li><li>- Excellent resolubility</li><li>- Fast dry</li></ul>
<b>Chemical Composition</b>	RC acrylic emulsion

## Properties

<b>Typical Properties</b>	Appearance		semi-translucent emulsion
	Non-volatile	%	47.5
	pH at 25°C		7.3
	Viscosity at 25°C	cps	950
	Molecular weight (Mw)		> 200,000
	Acid number (NV)		85
	Density at 25°C	g/cm <sup>3</sup>	1.06
	MFFT	°C	80
	Tg	°C	98
	Freeze-thaw stable		Yes
	Total VOC	% wt	< 0.2

These typical values should not be interpreted as specifications.

## Applications

Joncryl LMV 7050 is a low maintenance, pH-stable, hard non-film forming, RC acrylic emulsion that provides fast dry and excellent resolubility in ink formulations for paper and paperboard substrates. This emulsion can be used to formulate high performance inks that do not rely on press-side modifications of pH with ammonium hydroxide or organic amines.

By varying the concentration of Joncryl LMV 7050, the formulator is able to adapt the drying speed of the formula to meet press requirements while producing sharp line work and precise process dots.

Joncryl LMV 7050 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 7050.

## Storage

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

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