

# Printing & Packaging

## Technical Data Sheet



# Joncryl<sup>®</sup> LMV 7040

<b>Product Description</b>	Joncryl <sup>®</sup> LMV 7040 is a low maintenance vehicle, 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 pH maintenance</li><li>- Excellent resolubility</li><li>- Rub resistance</li></ul>
<b>Chemical Composition</b>	RC acrylic emulsion

## Properties

<b>Typical Properties</b>	Appearance	semi-translucent emulsion
	Non-volatile at 145°C (2g, 30 min)	~ 46.4%
	pH at 25°C	~ 7.7
	Viscosity at 25°C (#3 LV, 60 rpm, 30 sec)	~ 300 – 1,200 cps
	Molecular weight (Mw)	> 200,000
	Acid number (NV)	115
	Density at 25°C	1.06 g/cm <sup>3</sup>
	Tg	28°C
	Freeze-thaw stable	Yes
	Total VOC	0.3% wt

These typical values should not be interpreted as specifications.

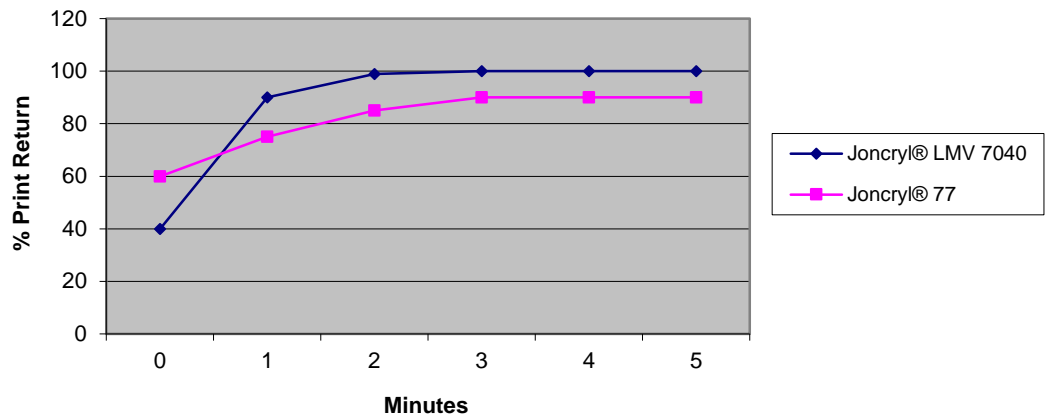
## Applications

Joncryl<sup>®</sup> LMV 7040 is a low maintenance, pH-stable, hard film forming, RC acrylic emulsion that provides film integrity, adhesion, and rub resistance to ink formulations for paper, paperboard, and primed foil 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.

Joncryl<sup>®</sup> LMV 7040 is recommended for applications such as:

- Printing inks for flexographic or gravure applications

### Ink Resolubility of Joncryl® LMV 7040



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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.

### Safety Data Sheet

All safety information is provided in the Safety Data Sheet for Joncryl® LMV 7040.

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