

# Joncryl<sup>®</sup> LMV 7014

<b>Product Description</b>	Joncryl LMV 7014 is a low maintenance, pH-stable acrylic colloidal emulsion for pigment dispersion and as a binder in 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>- Cost effective</li></ul>
<b>Chemical Composition</b>	Acrylic colloidal emulsion

## Properties

<b>Typical Properties</b>	Appearance		white emulsion
	Non-volatile	%	34.0
	pH at 25°C		4.0
	Viscosity at 25°C	cps	< 100
	Molecular weight (Mw)		45,000
	Acid number (NV)		201
	Density at 25°C	g/cm <sup>3</sup>	1.08
	MFFT	°C	< 5
	Tg	°C	50
	Freeze-thaw stable		Yes
	Total VOC	% wt	< 0.1

These typical values should not be interpreted as specifications.

## Applications

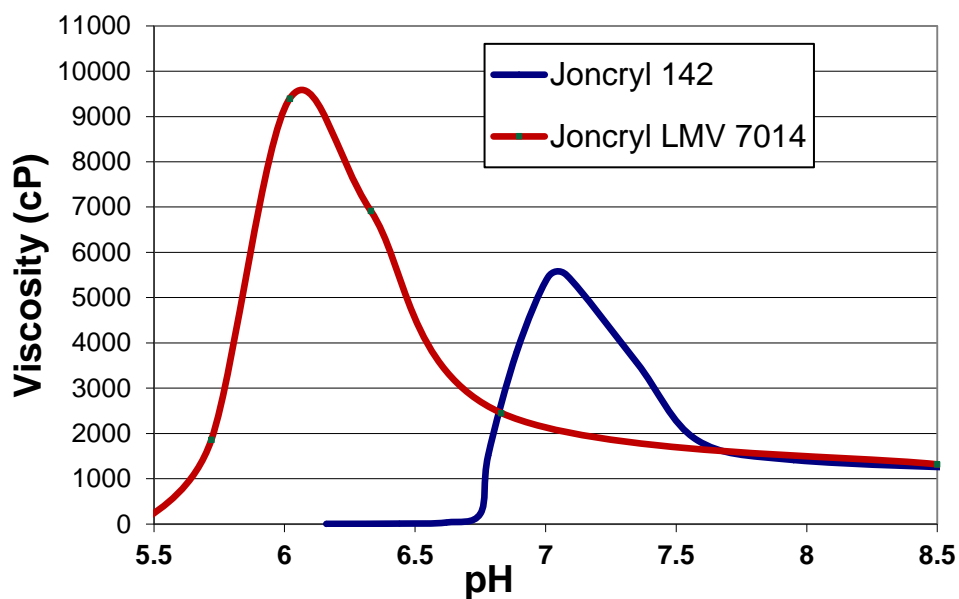
Joncryl LMV 7014 is a low maintenance, pH-stable acrylic colloidal emulsion designed as a sole vehicle for carbon black ink. Joncryl LMV 7014 can also be used as a letdown vehicle for organic pigment colors. In addition, it can be used to disperse inorganic pigments.

Joncryl LMV 7014 is recommended for applications such as:

- Sole vehicle for carbon black ink
- Letdown vehicle for organic pigment colors
- To disperse inorganic pigments

Joncryl LMV 7014 is compatible with the full range of Joncryl LMV polymers that enable the formulation of low maintenance inks that do not rely on press-side additions of ammonia or organic amines to maintain press stability.

### Viscosity vs. pH at 22% NV



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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 7014.

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## Storage

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

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