

# Joncryl<sup>®</sup> LMV 7085

<b>Product Description</b>	Joncryl LMV 7085 is a low maintenance, pH-stable, high performance acrylic resin solution for pigment dispersion applications.
<b>Key Features &amp; Benefits</b>	<ul style="list-style-type: none"><li>- Low on-press pH maintenance requirements</li><li>- Good color development</li><li>- High solids dispersions</li></ul>
<b>Chemical Composition</b>	Styrene acrylic resin solution

## Properties

<b>Typical Properties</b>	Appearance		clear liquid
	Non-volatile	%	34.5
	pH at 25°C		7.2
	Viscosity at 25°C	cps	2,000
	Molecular weight (Mw)		12,500
	Acid number (NV)		215
	Density at 25°C	g/cm <sup>3</sup>	1.07
	Tg	°C	77
	Freeze-thaw stable		Yes
	Total VOC	% wt	0.4

\* These typical values should not be interpreted as specifications.

## Applications

Joncryl LMV 7085 is a low maintenance, pH-stable, acrylic resin solution in ammonia and water. It is designed to optimize the dispersion of organic pigments for use in Joncryl LMV 7000 series-based inks. In addition, this solution produces a low amount of foam during the pigment grinding process, which allows the use of a lower level of antifoam.

Joncryl LMV 7085 is recommended for applications such as:

- Pigment dispersion in printing ink applications

<b>Processing</b>	Joncryl LMV 7085 provides the rheology and wetting to produce high quality pigment dispersions. The level of product can be adjusted to disperse either a dry pigment or high solids press-cake.
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## Safety

<b>General</b>	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.
<b>Safety Data Sheet</b>	All safety information is provided in the Safety Data Sheet for Joncryl LMV 7085.

## Storage

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

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