

Joncryl® 2110

Product Description	Joncryl 2110 is a low VOC film forming acrylic emulsion with excellent resolubility in high strength inks for fine-line anilox process printing.
Key Features & Benefits	<ul style="list-style-type: none">- <i>Excellent printability and resolubility</i>- <i>Low VOC</i>- <i>Good gloss and clarity</i>- <i>Good transfer properties</i>
Chemical Composition	Styrene acrylic emulsion

Properties

Typical Properties

Appearance	translucent emulsion
Molecular weight (Mw)	> 200,000
Non-volatile	49.0%
pH	9.0
Acid number (NV)	65
Viscosity at 25°C (Brookfield #2 LVF spindle, 30 rpm)	1200 cps
Density at 25°C	1.05
MFFT	< 5°C
VOC	0.4%
Tg	22°C

* These typical values should not be interpreted as specifications.

Application

Joncryl 2110 is film forming emulsion for high strength inks, suitable for gravure or flexo printing with fine-line anilox. It provides excellent resolubility, gloss, clarity, transfer and viscosity stability to highly pigmented inks, with good adhesion to paper, film and foil.

Joncryl 2110 is recommended for applications such as:

- High strength inks for fine-line flexo or gravure printing

Starting Point Formulation

The following starting point formulation is recommended for initial evaluations of Joncryl 2110. Further optimization of the formulation may be required to achieve desired results for specific applications.

Flexo Ink Formulation

Pigment Dispersion	60.0
Joncryl 2110	35.4
Joncryl Wax 26	4.5
Defoamer	<u>0.1</u>
TOTAL	100.0

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 2110.

Storage

Please refer to the "Handling and Storage of Polymer Dispersions" brochure.

Important

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