

Joncryl® 7159

General

Joncryl® 7159 is a styrene-acrylic emulsion for water-based inks for paper and paperboard applications.

Key Features & Benefits

Excellent color strength
Excellent printability
High alcohol tolerance
Water resistance
Able to use as pigment dispersant

Chemical Composition

Rheology controlled emulsion

Properties

Appearance

Translucent emulsion

Typical characteristics

(should not be interpreted as specifications)

Non-volatile	41.0%
Molecular weight (Mw)	>200,000
Viscosity at 25 °C	<180m Pa.s
pH	7.5
Acid number	54
Density 25 °C	1.06 g/cm³
Minimum film forming temp °C	30
Glass transition temperature Tg (DSC)	42 °C
Freeze-shaw stable	Yes

Application

Joncryl® 7159 is a non film forming emulsion that was developed for water based gravure ink system due to the fast dry, excellent color strength and printability similar to the solvent based ink system on paper and paperboard.

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Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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