

Joncryl® 90 ap

General

A styrene-acrylic copolymer emulsion for use in water-based overprint varnishes and inks.

Key features & benefits

excellent optical clarity
high gloss
good heat resistance
fast drying

Properties

Appearance

semi-translucent emulsion

Typical characteristics

(should not be interpreted as specifications)

non-volatile	44 %
viscosity at 25 °C	260 mPa.s
acid value	76
density at 25 °C	1.05 g/cm ³
molecular weight (wt. av.)	>200,000
glass transition temperature T _g (DSC)	110 °C
minimum film-forming temperature	>85 °C
pH	8.3
freeze/thaw-stable	yes

Application

Joncryl® 90 ap is a non-film forming emulsion developed for use in water-based overprint varnishes, flexographic and gravure inks, providing high heat seal and film release properties. The heat resistant properties may be further enhanced by the addition of Zinc Ammonium Carbonate solution. In overprint varnishes Joncryl® 90 ap additionally provides gloss and optical clarity.

Joncryl® 90 ap TDS EN (03-2020)

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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