

Joncryl® 1685

General

An acrylic emulsion for use in heat resistant water-based inks and overprint varnish.

Key features & benefits

excellent heat resistance
good gloss and clarity

Properties

Appearance

semi-translucent emulsion

Typical characteristics

(should not be interpreted as specifications)

non-volatile	43.5 %
molecular weight (wt. av.)	>200,000
viscosity (Brookfield @ 25°C)	350 mPa.s
pH	9.5
density at 25 °C	1.07 g/cm ³
minimum film-forming temperature	<-5 °C
glass transition temperature Tg (DSC)	-20 °C
freeze/thaw stable	yes

Application

Joncryl® 1685 has been designed to provide excellent heat resistance in water-based overprint varnishes as well as flexographic and gravure inks. The product shows excellent adhesion properties on absorbing and non-absorbing substrates including aluminum foil. In addition, it will also provide with good gloss and clarity.

Joncryl® 1685 TDS EN (08-2019)

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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