

Joncryl® 7603

General

A hard film forming, rheology controlled (RC) acrylic emulsion for printing ink and overprint varnish formulations.

Key features & benefits

good rub and block resistance
fast drying
high gloss and transparency

Properties

Appearance

semi-translucent emulsion

Typical characteristics

(should not be interpreted as specifications)

non-volatile	44.0 – 46.0 %
viscosity at 25 °C (mPa.s)	200 – 1,000
acid value (on solids)	58
molecular weight (wt. av.)	>200,000
fineness (µm)	<=30
pH	8.0 – 9.0
minimum film-forming temperature	12 – 17 °C
glass transition temperature Tg (DSC)	20 – 25 °C
TVOC (HS-GC) (wt.%)	<0.4%

Application

Joncryl® 7603 is a hard film forming emulsion developed for use in water-based overprint varnishes, flexographic and gravure inks. It provides good performance in gloss, transparency, block resistance, rub resistance and water resistance.

Joncryl® 7603 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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