

Joncryn[®] 1680

General

Joncryn[®] 1680 is matte, non-film forming, acrylic emulsion for printing ink and overprint varnish applications

Key features & benefits

matte finish
rub resistance
block resistance

Chemical composition

acrylic emulsion

Properties

Appearance

opaque emulsion

Typical characteristics

(should not be interpreted as specifications)

non-volatile at 145°C (2g, 60 min)	46.5%
pH at 25°C	7.8
viscosity at 25°C (#2 LV, 30 rpm, 30 sec)	600 cps
molecular weight (Mw)	>200,000
acid number	29
density at 25°C	1.03 g/cm ³
MFFT	42°C
Tg	56°C
freeze-thaw stable	No
total VOC	0.1% wt

Application

Joncryn[®] 1680 is a controlled particle size, acrylic emulsion designed to give a matte finish to overprint varnishes or inks. Its low gloss and matting characteristics allow for the reduction or elimination of silica or clay matting agents.

Joncryn[®] 1680 is recommended for applications such as:

- Printing inks for flexographic or gravure applications
- Overprint varnishes for commercial, publication, or packaging applications

Some settling may occur during storage; mix well before using.

Joncryn[®] 1680 TDS EN (02-2020)

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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