

Joncryl® HRC 1661

General

A hybrid, film forming, Rheology Controlled (RC) acrylic emulsion for overprint varnish and functional packaging coating applications

Key features & benefits

rub resistance
high slide angle
water resistance

Chemical composition

RC acrylic emulsion

Properties

Appearance

semi-translucent emulsion

Typical characteristics

(should not be interpreted as specifications)

non-volatile at 145°C (2g, 30 min)	~ 47.5%
pH at 25°C	~ 8.7
viscosity at 25°C (#2 LV, 30 rpm, 30 sec)	~ 200 – 1,000 cps
molecular weight (Mw)	>200,000
acid number	54
density at 25°C	1.02 g/cm ³
MFFT	<0°C
Tg	- 42°C
freeze-thaw stable	No
total VOC	0.3% wt

Application

Joncryl® HRC 1661 is a high performance film forming, hybrid RC acrylic emulsion for overprint varnish applications. It provides significant improvements in rub and water resistance at a cost equal to comparable acrylic emulsions. It can be used as a letdown vehicle in paper and paperboard inks. The flexibility of Joncryl® HRC 1661 will enhance the rub resistance of inks even when used at low levels.

Joncryl® HRC 1661 is recommended for applications such as:

- Overprint varnishes for commercial, publication, or packaging applications
- Functional packaging coatings applications

Joncryl® HRC 1661 TDS EN (10-2019)

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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