

JONCRYL[®] 660

Key features and benefits

- good hot mar resistance
- excellent rub resistance
- low foaming

an acrylic polymer emulsion for use in hot mar resistant water-based pre-print overprint varnishes

General information

Typical physical characteristics (not to be considered specifications)

appearance	opaque emulsion
non-volatile	32.3%
molecular weight (wt. av.)	>200,000
viscosity at 25 °C (77 °F) (Brookfield)	400 mPa.s
pH	8.5
acid value (on solids)	215
density at 25 °C (77 °F)	1.08 g/cm ³
minimum film-forming temperature	26 °C (79 °F)
glass transition temperature T _g (DSC)	27 °C (81 °F)
freeze/thaw-stable	yes

Applications

JONCRYL® 660 is an emulsion designed for use in water-based pre-print overprint varnishes providing good hot mar resistance without the need for heavy metal cross linking agents. The hot mar resistance may be further enhanced by the addition of Zinc Ammonium Carbonate Solution. When mixing JONCRYL® 660 with other polymers care should be taken to determine the most appropriate order of addition.

Typical formulations using JONCRYL® 660

hot mar resistant overprint varnish

90.0 parts	JONCRYL® 660
0.5 parts	defoamer
5.0 parts	wax emulsion*
4.5 parts	water
100.0 parts	

* BASF also offers a full range of wax emulsions and dispersion resins.

For further detailed application information please contact our Technical Support Department.

Safety

When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed.

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. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.

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