

Joncryl[®] 8067

Key features and benefits

- excellent optical clarity
- high gloss
- good heat resistance
- fast drying

a styrene-acrylic emulsion for use in water-based overprint varnishes

General information

Typical physical characteristics (not to be considered specifications)

appearance	semi-translucent emulsion
non-volatile	42 %
molecular weight (wt. av.)	>200,000
viscosity at 25 °C (77 °F) (Brookfield)	250 mPa.s
pH	8.1
acid value (on solids)	78
density at 25 °C (77 °F)	1.05 g/cm ³
minimum film-forming temperature	>90 °C (>194 °F)
glass transition temperature T _g (DSC)	110 °C (230 °F)
freeze/thaw-stable	yes

Applications

Joncryl® 8067 is a non-film-forming emulsion developed for use in water-based overprint varnishes, providing high heat seal and film release properties. The heat resistant properties may be further enhanced by the addition of zinc ammonium carbonate solution. In overprint varnishes Joncryl® 8067 provides gloss and optical clarity. Joncryl® 8067 additionally provides high viscosity in OPV-formulations and can be diluted down to average viscosity without losing on properties.

Typical formulations using Joncryl® 8067

economical overprint varnish for in-line offset

10.0 parts	Joncryl® 77
47.0 parts	Joncryl® 8067
25.0 parts	Joncryl® 8078
5.0 parts	PE wax emulsion*
3.5 parts	Solvenon® DPM
3.0 parts	wetting agent
0.5 parts	defoamer
6.0 parts	water
100.0 parts	

high gloss overprint varnish for in-line offset

51.0 parts	Joncryl® 8067
29.0 parts	Joncryl® 8085
5.0 parts	PE wax emulsion*
3.5 parts	Solvenon® DPM
3.0 parts	wetting agent
0.5 parts	defoamer
8.0 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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