

JONCRYL[®] 8052

Key features and benefits

- good adhesion
- excellent water resistance
- excellent printability
- excellent coalescent

film-forming acrylic emulsion for water-based inks on paper, film and foil substrates

General information

Typical physical characteristics (not to be considered specifications)

appearance	semi translucent emulsion
non-volatile	46.5%
molecular weight (wt. av.)	>200,000
viscosity at 25 °C (77 °F) (Brookfield)	750 mPa.s
pH	7.9
acid value (on solids)	65
density at 25 °C (77 °F)	1.04 g/cm ³
minimum film-forming temperature	<5 °C (<41 °F)
glass transition temperature T _g (DSC)	-35 °C (-31 °F)
freeze/thaw-stable	yes

Applications

JONCRYL® 8052 is a film-forming emulsion developed for use in water-based flexographic and gravure inks used on paper, film substrates and aluminium foil. It combines properties like excellent adhesion, low odor, resolubility and water resistance. JONCRYL® 8052 is a very effective coalescing agent for hard high Tg-emulsions.

Typical formulations using JONCRYL® 8052

A

40.0 parts	pigment concentrate*
49.5 parts	JONCRYL® 8052
5.0 parts	PE wax emulsion*
- parts	water
5.2 parts	iso-propanol
0.3 parts	defoamer
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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