

Joncryl® 142-E

Key features and benefits

- excellent transfer and printability
- excellent ink viscosity stability
- broad compability
- good rub resistance
- flat dilution profile

an acrylic colloidal emulsion for use in inks for post-print corrugated board and kraft paper applications

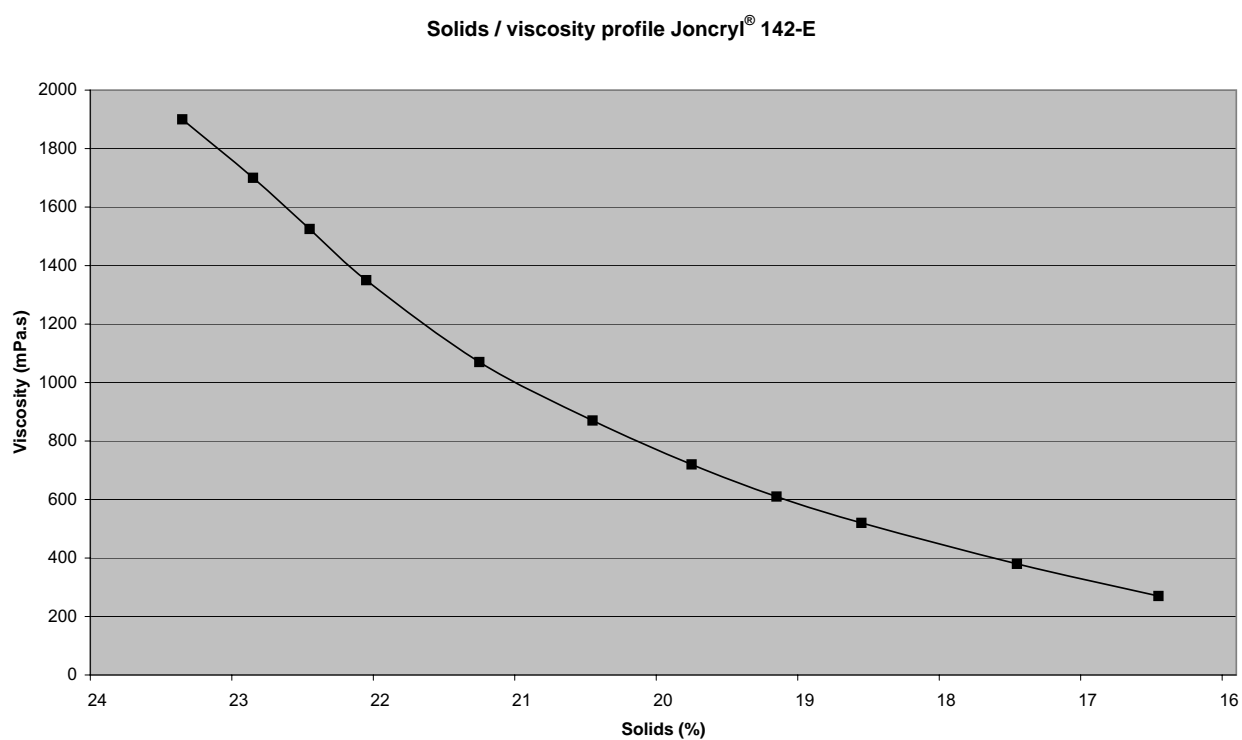
General information

Typical physical characteristics (not to be considered specifications)

appearance	opaque emulsion
non-volatile	40 %
molecular weight (wt. av.)	40,000
viscosity at 25 °C (77 °F) (Brookfield)	25 mPa.s (as is)
pH	6.1
acid value (on solids)	126
density at 25 °C (77 °F)	1.06 g/cm ³
glass transition temperature T _g (DSC)	28 °C (82 °F)
freeze/thaw-stable	no

Applications

Joncryl® 142-E has been developed for use in inks for post-print corrugated board and kraft paper applications. Alternatively, it can be used as an effective thickening agent in water-based flexographic and gravure inks.



Typical formulations using Joncryl® 142-E

neutralized solution

46.0 parts	Joncryl® 142-E
2.4 parts	MEA
51.6 parts	water
100.0 parts	
viscosity mPa.s (25 °C Brookfield) ± 500	
pH 8.7	

flexographic ink for corrugated inks and kraft paper substrates

37.0 parts	pigment concentrate*
54.0 parts	Joncryl® 142-E solution
5.0 parts	PE wax emulsion*
0.5 parts	defoamer
3.5 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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