

Joncryl[®] 142 ap

General

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

Key features & benefits

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

Properties

Appearance

opaque emulsion

Typical characteristics

(should not be interpreted as specifications)

non-volatile	40 %
viscosity at 25 °C	25 mPa.s
acid value	126
density at 25 °C	1.06 g/cm ³
molecular weight (wt. av.)	40,000
pH	6.1
glass transition temperature T _g (DSC)	28 °C
freeze/thaw-stable	yes

Application

Joncryl[®] 142 ap 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 ap

neutralized solution

46.0 parts	Joncryl® 142 ap
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	pigments concentrate*
54.0 parts	Joncryl® 142 ap 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.

Joncryl® 142 ap TDS EN (11-2019)

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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