

Joncryl® 668



general	an acrylic colloidal emulsion for use in inks for pre-print and post-print corrugated board and kraft paper applications
key features & benefits	excellent transfer and printability good hot mar resistance low cost in use very high efficiency
chemical nature	acrylic colloidal emulsion

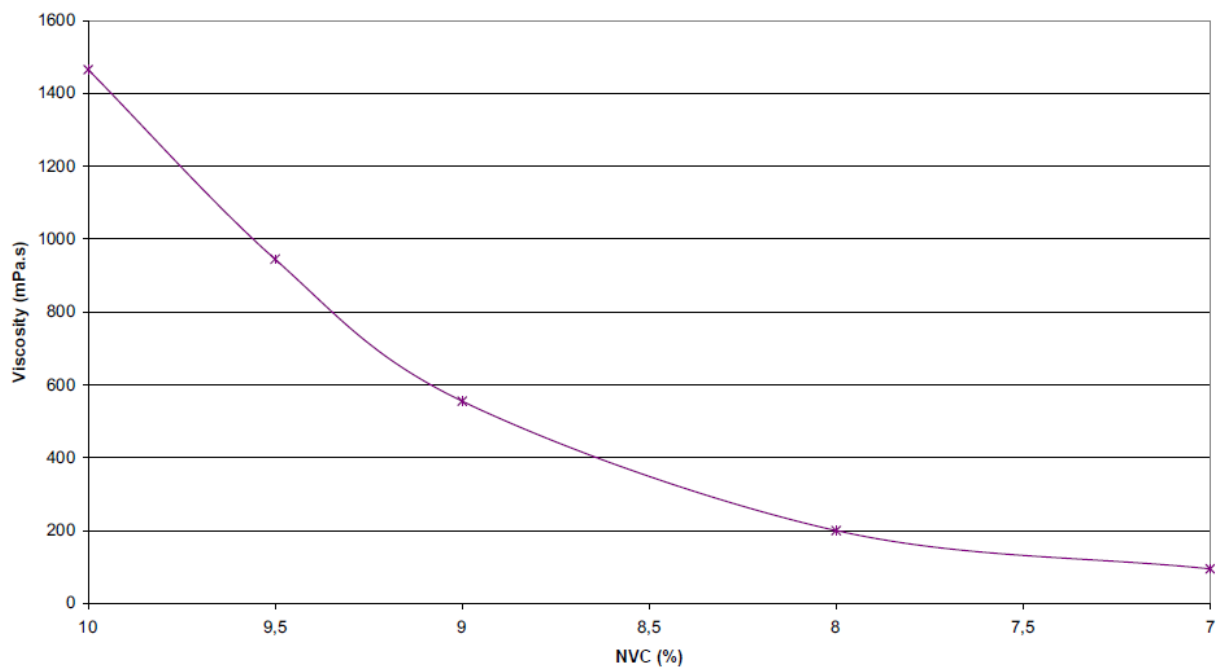
Properties

appearance	white emulsion
typical characteristics <i>(should not be interpreted as specifications)</i>	non-volatile 44 % molecular weight (wt. av.) 100,000 Brookfield viscosity at 25 °C 25 mPa.s pH 2.0 acid value (on solids) 164 mg KOH/g density at 25 °C 1.03 g/cm ³ glass transition temperature Tg (DSC) 123 °C freeze/thaw-stable no

Application

Joncryl® 668 has been developed for use in inks for both pre-print and post-print corrugated board and kraft paper applications. It provides good transfer and printability at low polymer solids.

Dilution profile MEA solution Joncryl 668



Typical formulations using Joncryl® 668

neutralized solution

20.5 parts	Joncryl® 668	
1.8 parts	MEA	
77.7 parts	water	
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100.0 parts		
	viscosity mPa.s (25°C Brookfield)	± 500
	pH	8.7

ink for corrugated board and kraft paper substrates

37.0 parts	pigment concentrate*
54.0 parts	Joncryl® 668 solution
5.0 parts	PE wax emulsion*
0.5 parts	defoamer
3.5 parts	water
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100.0 parts	

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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