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Joncryl® 668

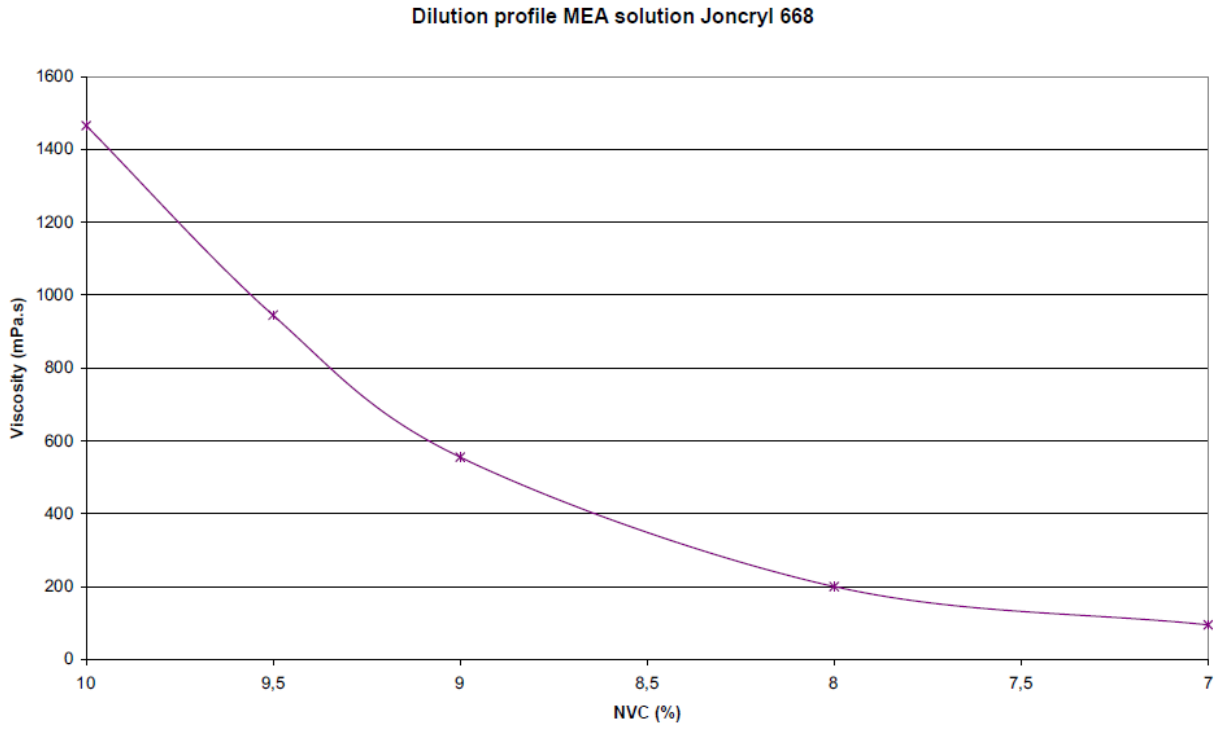
general	an acrylic colloidal emulsion for use in inks for pre-print and post-print corrugated board and kraft paper applications
key features & benefits	excellent transfer and printability good hot mar resistance low cost in use very high efficiency
chemical nature	acrylic colloidal emulsion

Properties

appearance	white emulsion	
typical characteristics *(should not be interpreted as specifications)*	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/cm³
	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 solides.


Dilution profile MEA solution Joncryl 668
Viscosity (mPa.s)
1600
1400
1200
1000
800
600
400
200
0
10
9,5
9
8,5
8
7,5
7
NVC (%)

Typical formulations using Joncryl® 668

neutralized solution

20.5	parts	Joncryl® 668	
1.8	parts	MEA	
77.7	parts	water	
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	
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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