BASF
We create chemistry

Joncryl® 682

general	a low molecular weight acrylic resin for use in high solids water-based overprint varnishes
key features & benefits	high gloss high solids/low viscosity solutions excellent resolubility
chemical nature	acrylic resin

Properties

appearance clear solid resin

typical characteristics
(should not be interpreted as specifications)

non-volatile	99 %
molecular weight (wt. av.)	1,750
acid value (on solids)	238
density at 25 °C	1.15 g/cm³
glass transition temperature Tg (DSC)	57 °C

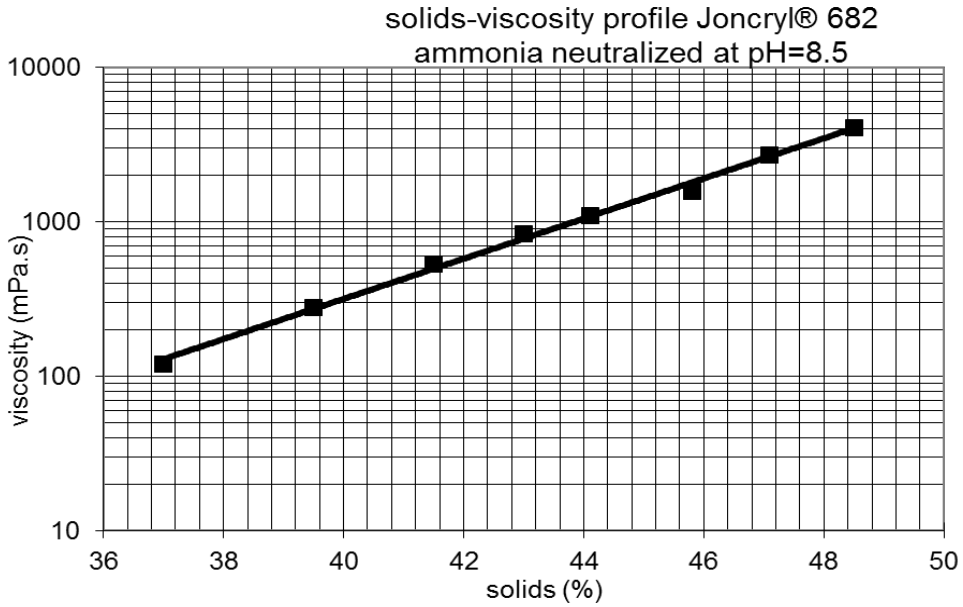
Application

Joncryl® 682 is an acrylic resin and is developed for use in overprint varnishes to produce a high gloss finish.

Typical formulation using Joncryl® 682

neutralized solution

43.0	parts	Joncryl® 682	
13.0	parts	ammonia 25 %	
44.0	parts	water	
100.0	parts		
		pH	8.0
		Viscosity mPa.s (25°C Brookfield)	850



Typical formulations using Joncryl® 682

A

72.0	parts	Joncryl® 8064
18.0	parts	Joncryl® 682 solution
3.0	parts	wetting agent
5.0	parts	PE wax emulsion*
0.5	parts	defoamer
1.5	parts	water
100.0	parts	

B

62.5	parts	Joncryl® 90
26.5	parts	Joncryl® 682 solution
2.5	parts	Solvenon® DPM
3.0	parts	wetting agent
5.0	parts	PE wax emulsion*
0.5	parts	defoamer
100.0	parts	

* BASF also offers a full range of wax emulsions and dispersion resins.

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.

BASF East Asia Regional Headquarters Ltd.
45th Floor, Jardine House, No. 1 Connaught Place, Central, Hong Kong