BASF
The Chemical Company

Joncryl® HPD 671

Key features and benefits

- good viscosity stability
- good pigment wetting and color development
- good gloss and transparency

a styrene-acrylic pigment dispersion resin for use in pigment dispersions for water-based inks

General information

Typical physical characteristics (not to be considered specifications)

appearance	clear solid resin
non-volatile	99.5 %
molecular weight (wt. av.)	17,000
acid value (on solids)	214
density at 25 °C (77 °F)	1.14 g/cm^3
glass transition temperature Tg (DSC)	120 °C (248 °F)

P&P JHPD671e/18-09-2008/B4-6
supersedes P&P JHPD671e/01-01-2008/B4-6

Applications

Joncryl® HPD 671 is designed to produce high quality water-based pigment dispersions with good viscosity stability. It is especially effective with difficult pigments like calcium reds.

Typical formulations using Joncryl® HPD 671

neutralized letdown varnish

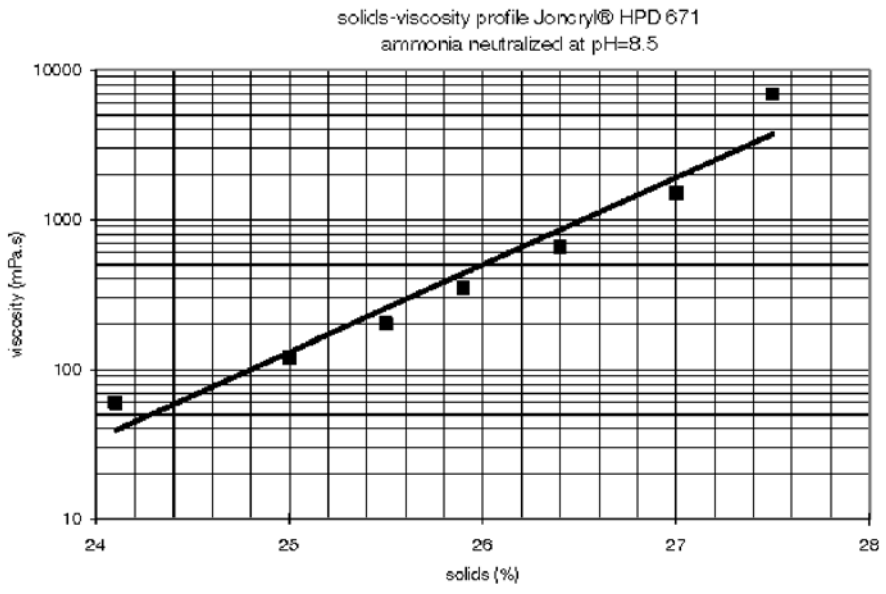
25.7	parts	Joncryl® HPD 671
6.6	parts	ammonia 25 %
67.7	parts	water
100.0	parts	

pH	8.5
viscosity mPa.s (25 °C Brookfield)	300

pigment concentrate

31.0	parts	Joncryl® HPD 671
35.0	parts	organic pigment
0.5	parts	defoamer
33.5	parts	water
100.0	parts	

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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