

JONCRYL[®] 690

Key features and benefits

- outstanding gloss and transparency
- excellent rheology
- reduced dispersion energy requirements
- improved economics

a high performance acrylic resin specifically designed to optimize the dispersion of pigments

General information

Typical physical characteristics (not to be considered specifications)

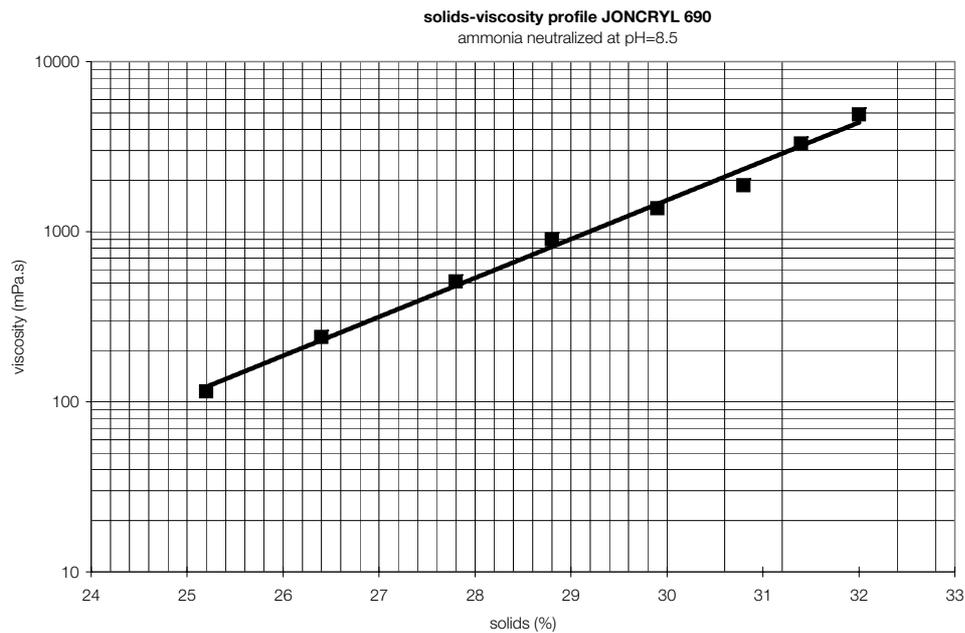
appearance	clear solid resin
non-volatile	99%
molecular weight (wt. av.)	16,500
acid value (on solids)	240
density at 25 °C (77 °F)	1.10 g/cm ³
glass transition temperature Tg (DSC)	105 °C (221 °F)

Applications

JONCRYL® 690 is an acrylic resin designed to produce high quality water-based pigment dispersions. It provides excellent gloss and transparency allowing the formulator to approach the quality of pigment chips in aqueous dispersions.

Typical solution of JONCRYL® 690

30.0 parts	JONCRYL® 690
8.6 parts	ammonia 25%
61.4 parts	water
100.0 parts	
pH	8.7
viscosity mPa.s (25°C Brookfield)	1050.0



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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