

SPCRYL HOFG

STYRENE ACRYLIC RESIN

Description

SPCRYL HOFG is a high molecular weight acrylic resin use for water-based overprint varnishes and flexographic and gravure-printing inks.

Key features & Benefits

- Increase of transfer and resolubility
- Improvement of block and heat resistance
- Excellent print characteristics

Physical Properties

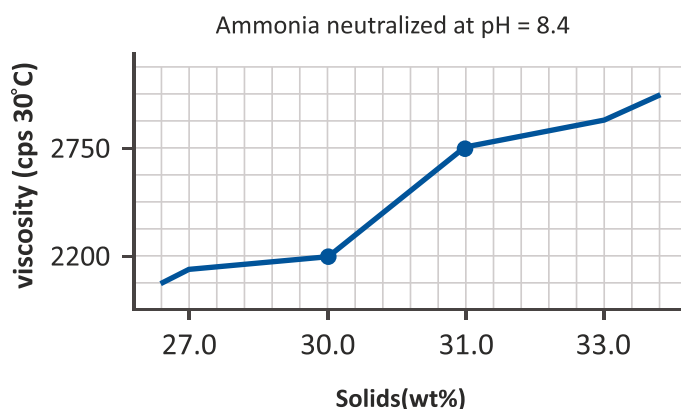
-Appearance:	Flakes
-Non-Volatile	>99%
-Molecular Weight, Mw	12,000 GPC
-Acid Number (mgKOH/gm)	210
-Glass Transition Temp., (Tg)	105° C DSC

Typical solution

SPCRYL HOFG	30.0 parts
Ammonia 28%	08.0 parts
water	62.0 parts
Total	100.0 parts

pH	8.4
viscosity (cps 30°C)	2200

Solids/Viscosity of SPCRYL HOFG



Applications

SPCRYL HOFG is an acrylic resin designed to be used as an extender in overprint varnishes and inks and to produce water-based pigment dispersions.

As an extender it provides improved transfer and re-solubility, as dispersion resin it provides good wetting properties for the manufacture of stable pigment dispersions.

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.