

SPCRYL LOFG

STYRENE ACRYLIC RESIN

Description

SPCRYL LOFG is a mid range molecular weight acrylic resin for water-based overprint varnishes and fluid inks.

Key features & Benefits

- High Solids varnishes at low viscosity
- High gloss
- Broad compatibility
- Excellent transfer and printability
- Good Resolubility

Physical Properties

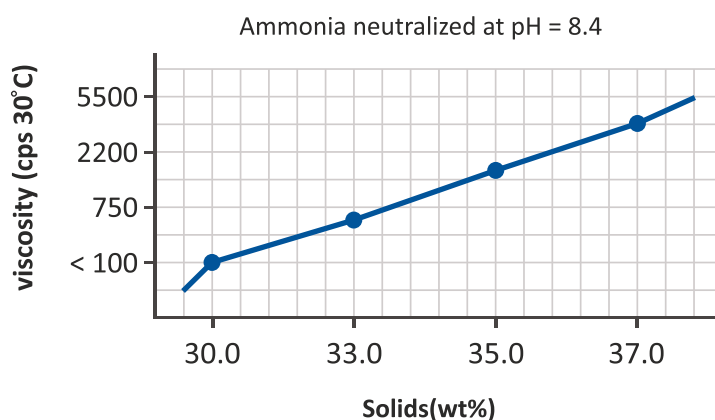
-Appearance:	Flakes
-Non-Volatile	>99%
-Molecular Weight, Mw	5,000 GPC
-Acid Number (mgKOH/gm)	215
-Glass Transition Temp., (Tg)	65° C DSC

Typical solution

SPCRYL LOFG	37.0 parts
Ammonia 28%	10.0 parts
water	53.0 parts
Total	100.0 parts

pH	8.5
viscosity (cps 30°C)	5500

Solids/Viscosity of SPCRYL LOFG



Applications

SPCRYL LOFG 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.