

# SPCRYL PGR

## STYRENE ACRYLIC RESIN

### Description

SPCRYL PGR is an acrylic resin specially designed for making high quality resin-fortified emulsions. It is also used as an extender in overprint varnishes and inks, and also to produce high quality water-based pigment dispersions.

### Key features & Benefits

- Making high quality emulsions
- Excellent rheology behaviour
- Gloss improvement
- Increase of transfer & resolubility
- Improvement of block & heat resistance

### Physical Properties

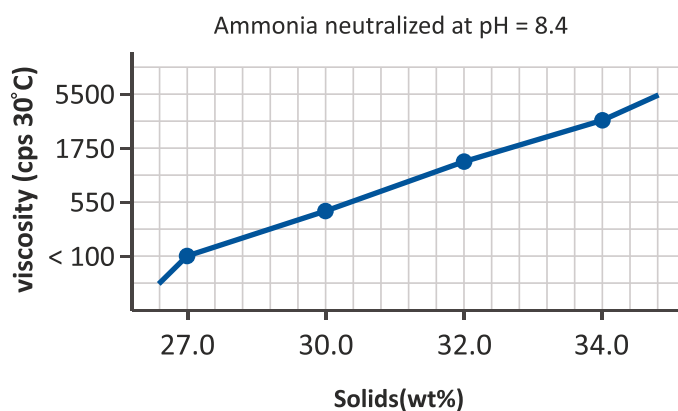
-Appearance:	Flakes
-Non-Volatile	>99%
-Molecular Weight, Mw	8,500 GPC
-Acid Number (mgKOH/gm)	210
-Glass Transition Temp., (Tg)	105° C DSC

### Typical solution

SPCRYL PGR	32.0 parts
Ammonia 28%	8.50 parts
water	59.5 parts
Total	100.0 parts

pH	8.4
viscosity (cps 30°C)	1750

### Solids/Viscosity of SPCRYL PGR



### Applications

SPCRYL PGR 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.*