

# SPCRYL 160

## STYRENE ACRYLIC RESIN

### Description

SPCRYL 160 is a high molecular weight acrylic resin designed to improve color and gloss of pigment dispersion without affecting stability of ink

### Key features & Benefits

- Increase Pigment dispersion
- Improvement in Color and strength
- Excellent Ink Stability

### Physical Properties

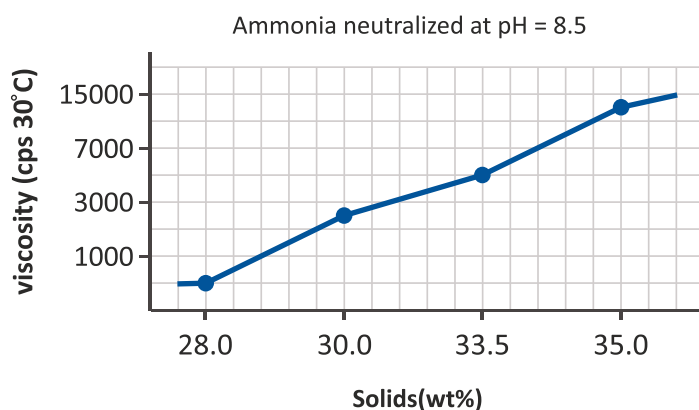
|                               |            |
|-------------------------------|------------|
| -Appearance:                  | Flakes     |
| -Non-Volatile                 | >99%       |
| -Molecular Weight, Mw         | 16,000 GPC |
| -Acid Number (mgKOH/gm)       | 210        |
| -Glass Transition Temp., (Tg) | 100° C DSC |

### Typical solution

|             |             |
|-------------|-------------|
| SPCRYL 160  | 30.0 parts  |
| Ammonia 28% | 8.00 parts  |
| water       | 62.0 parts  |
| Total       | 100.0 parts |

|                      |      |
|----------------------|------|
| pH                   | 8.5  |
| viscosity (cps 30°C) | 2700 |

### Solids/Viscosity of SPCRYL 160



### Applications

SPCRYL 160 provides improved pigment wetting, color strength and gloss compared to conventional dispersion resins. This allows for high solids, low viscosity pigment dispersion that have excellent rheology, flow and stability.

### 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.