



RayRez 165 Technical Bulletin Styrene Acrylic Emulsion

RayRez 165 is a film forming styrene acrylic emulsion polymer that is ideal for use as a flexographic and rotogravure printing ink vehicle. It excellent gloss, and water resistance properties. Inks formulated from RayRez 165 have outstanding adhesion, good drying speed and good transfer for plastic and foil applications.

Key Features

- High gloss and water resistance
- Good adhesion

RayRez 165 Typical Physical Properties*

Polymer type	Styrene acrylic emulsion polymer
Weight solids	47 – 49%
Viscosity (Brookfield Model RVT)	500 – 1500 cps, #3/100 rpm
pH	8.5 – 9.0
Tg (Calculated)	-26°C
MFFT (ASTM D-2354)	<0°C
Particle size (Mean)	0.05 – 0.15 microns
Weight per gallon	8.71 lbs/gal
Freeze thaw stability	Do Not Freeze

** These properties are typical, but do not constitute specifications*

For more than 45 years, Specialty Polymers has been developing state of the art resins for the paint, coatings and adhesive industries. With more than 300 products to choose from, Specialty Polymers has the right polymer to meet your needs.

IMPORTANT INFORMATION

If any product is defective in workmanship or materials, Specialty Polymers, Inc. will replace the product. The information contained in this Technical Bulletin is intended to be a guideline. It is offered in good faith, but without guarantee. We recommend users of the product perform their own testing to determine the suitability of the product in their application.