



## **RayRez 145 Technical Bulletin**

### **Styrene Acrylic Emulsion**

RayRez 145 is a styrene acrylic emulsion polymer that is ideal for flexographic and rotogravure printing inks. Products formulated from RayRez 145 have excellent rub resistance, good gloss, resolubility and excellent transfer for paper and corrugated applications. RayRez 145 can be used for high end ink applications such as water based inks for tags, labels and process inks. It can also be used for overprinting varnish.

#### **Key Features**

- High gloss and transparency
- Excellent rub resistance

#### **RayRez 145 Typical Physical Properties\***

Polymer type	Styrene acrylic emulsion polymer
Weight solids	47 – 49%
Viscosity (Brookfield Model RVT)	1000 – 2500 cps, #3/100 rpm
pH	8.5 – 9.5
Tg (Calculated)	45°C
MFFT (ASTM D-2354)	<0°C
Particle size (Mean)	0.06 – 0.13 microns
Weight per gallon	8.71 lbs/gal
Freeze thaw stability	Do Not Freeze

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

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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.