



## **RayRez 141 Technical Bulletin**

### **Styrene Acrylic Emulsion**

RayRez 141 is a non-film forming styrene acrylic emulsion polymer that is ideal for use in flexographic and rotogravure printing inks and coatings. It has high gloss, rheology stability and good adhesion. Inks or coatings formulated from RayRez 141 have great pH stability, fast dry and excellent transfer for paper and paperboard applications.

#### **Key Features**

- Good pH and rheology stability
- Excellent gloss and resolubility

#### **RayRez 141 Typical Physical Properties\***

Polymer type	Styrene acrylic emulsion polymer
Weight solids	46 – 48%
Viscosity (Brookfield Model RVT)	1500 – 2500 cps, #3/100 rpm
pH	7.0 – 8.0
Tg (Calculated)	91°C
MFFT (ASTM D-2354)	52°C
Particle size (Mean)	0.08 – 0.14 microns
Weight per gallon	8.82 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.