



## **RayRez 256 Technical Bulletin**

### **Styrene Acrylic Emulsion**

RayRez 256 is a non-film forming, cost effective acrylic emulsion polymer with good opacity for graphic arts applications. It has outstanding rub resistance, excellent pH stability and ink transfer properties. RayRez 256 can be used in regular inks for paper and corrugated board especially for kraft paper and kraft paper board. RayRez 256 is suitable for formulation of ink in flexographic, gravure and roll coater applications.

#### **Suggested Uses**

- Roll coater, flexographic and gravure formulations

#### **Key Features**

- Fast drying times
- Excellent rub resistance
- Good hiding power

### **RayRez 256 Typical Physical Properties**

Polymer type	Styrene acrylic emulsion polymer
Weight solids	47.0 – 49.0 %
Viscosity (Brookfield Model RVT)	800 – 1200 cps, #3/100 rpm
pH	9.0 – 9.5
Tg (MDSC)	108°C
MFFT (ASTM D-2354)	90°C
Particle size (Mean)	0.25 microns
Surfactant charge	Anionic
Weight per gallon	8.72 lbs/gal
Bulking value	0.1147 gal/lb
Freeze thaw stability	Do Not Freeze

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For 40 years, Specialty Polymers has been developing state of the art resins for the paint and coatings industry. With more than 250 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.