



RayRez 169 Technical Bulletin

Styrene Acrylic Emulsion

RayRez 169 is a film forming styrene acrylic emulsion polymer that is ideal for use as a flexographic and rotogravure printing ink vehicle. It is especially suited for chamber doctor blade systems. RayRez 169 has excellent gloss, and water resistance properties. Inks formulated from RayRez 169 have good adhesion, excellent resolubility and good transfer for plastic and foil applications. RayRez 169 can also be used for overprinting varnish.

Key Features

- High gloss and excellent resolubility
- Excellent adhesion
- Ideal for chamber doctor blade systems

RayRez 169 Typical Physical Properties*

Polymer type	Styrene acrylic emulsion polymer
Weight solids	48 – 50%
Viscosity (Brookfield Model RVT)	2200 – 3000 cps, #3/100 rpm
pH	8.5 – 9.5
Tg (Calculated)	-15°C
MFFT (ASTM D-2354)	0°C
Particle size (Mean)	0.07 – 0.11 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.