



RayRez 182D Technical Bulletin

Styrene Acrylic Emulsion

RayRez 182D is a non-film forming polymer developed for use as a flexographic and rotogravure printing ink vehicle. This polymer has a great pH stability, high gloss and clarity. Inks formulated from RayRez 182D have good pH stability, fast dry and excellent transfer for paper and paperboard applications.

Key Features

- pH stable
- Excellent resolubility
- Fast dry and good gloss

RayRez 182D Typical Physical Properties*

Polymer type	Styrene acrylic emulsion polymer
Weight solids	50 – 52%
Viscosity (Brookfield Model RVT)	400 – 800 cps, #3/100 rpm
pH	9.0 – 9.5
Tg (Calculated)	87°C
MFFT (ASTM D-2354)	80°C
Particle size (Mean)	0.11 – 0.15 microns
Weight per gallon	8.70 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.