



RayRez 168A Technical Bulletin Styrene Acrylic Emulsion

RayRez 168A 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 168A has excellent gloss, and water resistance properties. Inks formulated from RayRez 168A have good adhesion, excellent resolubility and good transfer for plastic and foil applications.

Key Features

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

RayRez 168A Typical Physical Properties*

Polymer type	Styrene acrylic emulsion polymer
Weight solids	46 – 49%
Viscosity (Brookfield Model RVT)	2000 – 3000 cps, #3/100 rpm
pH	8.5 – 9.0
Tg (Calculated)	-28°C
MFFT (ASTM D-2354)	0°C
Particle size (Mean)	0.05 – 0.15 microns
Weight per gallon	8.72 lbs/gal
Freeze thaw stability	Do Not Freeze

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

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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.