



RayCryl 1850 Technical Bulletin

Acrylic Emulsion

RayCryl 1850 is a self-crosslinking, 100% acrylic emulsion polymer designed for textile applications such as foam, pad, spray, knife and roller coatings. RayCryl 1850 exhibits medium flexible free film that produces medium hand with excellent strength. It has good compatibility with melamine to enhance durability. RayCryl 1850 provides outstanding pigment compatibility and pigment binding capacity that can be used in deep color applications.

- Self-crosslinking and carboxyl group
- Medium flexible free film
- Accepts high filler loading
- Excellent foamer
- Outstanding UV resistance and film clarity

RayCryl 1850 Typical Physical Properties*

Polymer type	Acrylic emulsion polymer
Weight solids	45%
Viscosity (Brookfield Model RVT)	250 cps, #2/100 rpm
pH	4.5
Tg (Calculated)	-11°C
MFFT (ASTM D-2354)	N/A
Particle size (Mean)	0.20 microns
Surfactant charge	Anionic
Weight per gallon	8.60 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.