



## **RayCryl 1853 Technical Bulletin**

### **Acrylic Emulsion**

RayCryl 1853 is a high solids, 100% acrylic emulsion polymer. It develops a soft and flexible film that can be used for domestic or industrial textile fabric coatings.

- Soft and flexible free film
- Excellent foamer
- APEO-free
- Outstanding UV resistance and film clarity
- Self-crosslinking and carboxyl group
- Can be filled with clay, starch or calcium carbonate

#### **RayCryl 1853 Typical Physical Properties\***

Polymer type	Acrylic emulsion polymer
Weight solids	55%
Viscosity (Brookfield Model RVT)	550 cps, #3/100 rpm
pH	4.0
Tg (Calculated)	-26°C
MFFT (ASTM D-2354)	<0°C
Particle size (Mean)	0.25 microns
Surfactant charge	Anionic
Weight per gallon	8.78 lbs/gal
Freeze thaw stability	Do Not Freeze

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

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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.