



RayCryl 1837 Technical Bulletin

100% Acrylic Emulsion

RayCryl 1837 is a hard and stiff 100% acrylic emulsion polymer designed for use as a domestic and industrial textile fabric coating.

Key Features

- Stiff free film
- APEO free surfactants
- Outstanding UV resistance
- Self crosslinking and carboxyl group
- Accepts high filler loading and flame retardants

RayCryl 1837 Typical Physical Properties

Polymer type	Acrylic emulsion polymer
Weight solids	49.0 – 51.0%
Viscosity (Brookfield Model RVT)	50 - 750 cps, #3/100 rpm
pH	3.0 – 4.5
Tg (Calculated)	43°C
MFFT (ASTM D-2354)	41°C
Particle size (Mean)	0.2 microns
Surfactant charge	Anionic
Weight per gallon	8.60 lbs/gal
Freeze thaw stability	Do Not Freeze

For 40 years, Specialty Polymers has been developing state of the art resins for the paint and coatings industry. With more than 250 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.