

TECHNICAL DATA SHEET

100% Acrylic Polymer

RayCryl 1859 is a high solids 100% acrylic emulsion polymer that develops a medium flexible film that can be used for domestic or industrial textile fabric coatings.

Key Features

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

Typical Applications

- Industrial fabric coating

RayCryl 1859 Typical Physical Properties*

Polymer Type	Acrylic
Weight (Solids %)	55%
Viscosity (Brookfield Model RVT)	550 cps, #3/100 rpm
pH	4.0
T _g (MDSC)	7° C
MFFT (ASTM D-2354)	0° C
Particle Size (Mean)	0.25 microns
Surfactant Charge	Anionic
Weight Gain per Gallon	8.78 lbs/gal
Freeze Thaw Stability	Do Not Freeze

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

For more than 50 years, Specialty Polymers has been developing state of the art resins for the paint, coatings and adhesive industries. With more than 400 products to choose from, Specialty Polymers has the right polymer to meet your needs.