



RayCryl 1001 Technical Bulletin 100% Self-crosslinking Acrylic Polymer

RayCryl 1001 is a self-crosslinking, ultra, low VOC, 100% acrylic emulsion polymer with excellent resistance to water blushing, chemical and hot tire stains. Designed for use in exterior and interior cement surfaces and industrial wood finishes, RayCryl 1001 can be formulated into both pigmented and clear coatings.

Key Features

- Excellent water blush resistance
- Excellent adhesion to a wide variety of substrates
- Exterior durability
- Resistance to hot tire and chemical stains

RayCryl 1001 Typical Physical Properties*

Polymer type	Acrylic emulsion polymer
Weight solids	46%
Viscosity (Brookfield Model RVT)	250 cps, #2/100 rpm
pH	7.0
Tg (MDSC)	38°C
MFFT (ASTM D-2354)	36°C
Particle size (Mean)	0.11 microns
Surfactant charge	Anionic
Weight per gallon	8.6 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.