



RayCat 5428 Technical Bulletin Cationic Acrylic Emulsion

RayCat 5428 is a cationic soft acrylic emulsion polymer with excellent flexibility and elongation. It is specifically designed to provide binding properties and inhibit cracking that is inherent in most substrates. Cationic primers and topcoats formulated with RayCat 5428 exhibit excellent stain blocking, water resistance and outstanding adhesion to various substrates.

Key Features

- Cationic particle charge
- Excellent stain blocking
- Excellent water resistance
- Outstanding flexibility and elongation
- Low VOC

RayCat 5428 Typical Physical Properties*

Polymer type	Cationic acrylic emulsion polymer
Weight solids	50%
Viscosity (Brookfield Model RVT)	1300 cps, #4/100 rpm
pH	3.0
Tg (DSC)	10°C
MFFT (ASTM D-2354)	0°C
Particle size (Mean)	0.21 microns
Surfactant charge	Nonionic
Polymer charge	Cationic
Weight per gallon	8.6 lbs/gal
Freeze thaw stability	Do Not Freeze

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

For 50 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.