



RayTech 51 Technical Bulletin

Core Shell Acrylic Emulsion

RayTech 51 is a core shell acrylic polymer designed to provide outstanding exterior durability and UV resistance. Coatings formulated with RayTech 51 exhibit excellent water resistance and high gloss. It offers low coalescent demand and will comply under stringent VOC regulations.

Key Features

- Outstanding water and water blush resistance
- Reduces wood swelling
- Excellent water ponding

RayTech 51 Typical Physical Properties*

Polymer type	Styrene acrylic solution polymer
Weight solids	40%
Viscosity (Brookfield Model RVT)	500 cps, #3/100 rpm
pH	9.2
MFFT (ASTM D-2354)	2°C
Tg (MDSC)	29°C
Particle size (Mean)	0.12 microns
Surfactant charge	Anionic
Weight per gallon	8.4 lbs/gal
Freeze thaw stability	Passes 5 cycles

** 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.