



**RayCryl 4102 Technical Bulletin**  
Self-crosslinking Acrylic Emulsion

RayCryl 4102 is a self crosslinking acrylic emulsion polymer designed to provide outstanding performance properties for industrial wood application. Coatings made with RayCryl 4102 will provide excellent clarity, superior mar and scratch resistance and minimal grain raise.

**Suggested Uses**

- Industrial Wood Finishes

**Key Features**

- Excellent stain and chemical resistance
- Outstanding clarity
- Compatible with PUD's

**RayCryl 4102 Typical Physical Properties\***

Polymer type	Acrylic emulsion polymer
Weight solids	43 – 45%
Viscosity (Brookfield Model RVT)	50 – 500 cps, #2/100 rpm
pH	7.0 – 7.5
Tg (MDSC)	44°C
MFFT (ASTM D-235)	51°C
Particle Size (Mean)	0.10 microns
Surfactant Charge	Anionic
Weight per Gallon	8.68 lbs/gal
Bulking Value	0.1152 gal/lb
Freeze Thaw Stability	Do Not Freeze

\* Physical Properties are targets based on limited production

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:** The information contained in this Technical Bulletin is intended to be a guideline. Specialty Polymers recommends users of the product perform their own testing to determine the suitability of the product in their application.