



## **RayCryl 412 Technical Bulletin** Acrylic Emulsion for Polymer Admix

RayCryl 412 is a 100% acrylic emulsion designed for blending with cement and concrete products. Specifically designed as a polymer modifier for cement, RayCryl 412 provides excellent workability, flexibility and compressive strength. It exhibits outstanding pot life under high temperature condition.

### **Suggested Uses**

- Concrete Admix

### **Key Features**

- Superior compressive strength
- Excellent workability and flexibility
- Outstanding pot life

### **RayCryl 412 Typical Physical Properties**

Polymer type	Acrylic emulsion polymer
Weight solids	45 – 47%
Viscosity (Brookfield Model RVT)	50 – 500 cps, #2/100 rpm
pH	9.0 – 10.0
Tg (MDSC)	11°C
MFFT (ASTM D-235)	9°C
Particle Size (Mean)	0.25 microns
Surfactant Charge	Nonionic
Weight per Gallon	8.75 lbs/gal
Bulking Value	0.1143 gal/lb
Freeze Thaw Stability	Do Not Freeze

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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.