

# Acrylic Emulsion Polymerization Technology

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## EC-507 Modified Styrene Acrylic Emulsion

### ■ Summary

EC-507 Modified Styrene-Acrylic Emulsion is an anionic modified acrylic acid emulsion polymerized from acrylic ester, methacrylic ester, styrene, silicone and functional monomer.

### ■ Physical and Chemical Indicators

Product	Project	Result
EC-507 Emulsion	Appearance	Milky white light blue viscous liquid
	PH	7.5~8.5
	Viscosity	200~1600 CPS
	Solid content	(48±1.5)%
	Mechanical stability	1800 r / min (30 minutes passed)
	Calcium ion stability	1:1 (Qualified)
	Minimum film forming temperature	20℃ (adjustable)
	Shelf life	6 months(5℃~25℃ storage)

### ■ Performance and Application

The product has excellent chemical stability, mechanical stability, water resistance, stain resistance and aging resistance, and a variety of pigments, fillers, additives, colorants, and can be formulated into high-performance interior and exterior latex paint, latex Paint and putty.