

Acrylic Emulsion Polymerization Technology

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EC-513 Elastic Emulsion (Elastic Acrylic Emulsion)

■ Summary

EC-513 Elastic Emulsion is an anionic emulsion made of acrylic acid, acrylic acid and its monomer, fluorine monomer, ambient temperature self-crosslinkable monomer and special functional monomer by polymerization.

■ Physical and Chemical Indicators

Product	Project	Result
EC-513 Emulsion	Appearance	Milky white light blue viscous liquid
	PH	7.5~8.5
	Viscosity	200~2000 CPS
	Solid content	(50±1)%
	Freeze-thaw stability	-18℃ (Passed three times)
	Calcium ion stability	1:1 (Qualified)
	Mechanical stability	1800 r / min (30 minutes pass)
	minimum film forming temperature	>0℃
	Shelf life	6 months(5℃~25℃ storage)

■ Performance and Application

EC-513 Elastic Emulsion has good ultraviolet radiation resistance, solvent resistance, water resistance, excellent resilience and stain resistance.

The product with titanium dioxide as filler combined to high-quality additives can be made of high elastic topcoat coating and galling, above zero can construction, has a protective effect on the excellent wall after curing, the complete eradication of the wall crack phenomenon and the phenomenon of contamination.