

KR-499 Acrylic-Sulfonic Terpolymer



Product Features

KR-499 Acrylic-Sulfonic Terpolymer is a low molecular weight, multifunctional, organic polymer for deposit control in industrial water treatment.

KR-499 Acrylic-Sulfonic Terpolymer is a unique combination, offers effective calcium carbonate & calcium phosphate scale control, Iron oxide and particle dispersancy, corrosion inhibition properties, the low phosphorous content helps to hold high levels of orthophosphate in solution.

KR-499 Acrylic-Sulfonic Terpolymer can replace existing copolymers in formulations allowing the formulator to reduce or eliminate other formulation components.

Technical Specification

Parameter	Standard
Appearance	Clear, pale yellow liquid
Solid content, %	48.0 min
Total phosphor (as PO_4^{3-}), %	1.0 min
Density (20°C), g/cm ³	1.15 min
pH(1% water solution)	1.5 - 3.5



Package & Storage

25kg Bag	200L Drum	1000L IBC	ISO Tank
			
Storage for 10 months in shady room and dry place.			

Applications & Usage

KR-499 Acrylic-Sulfonic Terpolymer is used in open evaporative cooling systems. Because of its polymer/phosphonate characteristics and halogen stability, KR-499 performs many functions in a water treatment formulation.

Hazard & Safety Precaution

Hazard Information	Safety Precaution
Not regulated	  
Once contacted with eye and skin, flush with plenty of clean water.	

Alternative Name / Synonyms

- KR-499;
- Acrylic-Sulfonic Terpolymer;