

Acrylic Acid/Acrylate/Phosphonic Acid/Sulfosalt Tetra-copolymer (KR-241)



Product Features

KR-241 is copolymer of carboxylic group, hydroxylic group and sulfonic acid group, it has good scale inhibition performance to calcium phosphate and calcium carbonate. KR-241 has good synergic effects with other agents. KR-241 is used as scale inhibitor and dispersant in circulating cool water system and built with organophosphate.

Technical Specification

Parameter	Standard
Appearance	Pale yellow transparent liquid
Solid content, %	35.0 min
Free monomer (as AA), %	0.5 max
Density (20℃), g/cm ³	1.1~1.2
pH(1% water solution)	3.0~5.0




Applications & Usage

Normally, the dosage of 5~25mg/L is preferred. When built with organophosphates, the dosage of 1-10mg/L is preferred, the suitable pH value is 7.0-9.5..

Package & Storage

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

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-241 Acrylic Acid/Acrylate/Phosphonic Acid/Sulfosalt Tetra-copolymer