

KR-2000 Carboxylate-Sulfonate Copolymer



Product Features

KR-2000 Carboxylate-Sulfonate Copolymer is high-performance acrylate copolymer, shows optimal scale-inhibition efficiency, crystal modification, and higher dispersing activity. KR-2000 Carboxylate-Sulfonate Copolymer is designed to provide superior stabilization of Calcium Phosphate and demonstrates excellent stabilization of Zinc and Calcium Carbonate.

Technical Specification

Parameter	Standard
Appearance	Colorless to pale yellow transparent liquid
Solid content, %	42.0 - 44.0
Density (20℃), g/cm ³	1.15 min
pH (as is)	3.8-4.6
Viscosity(25℃), cps	300-500

Applications & Usage

KR-2000 Carboxylate-Sulfonate Copolymer can be used as scale inhibitor for circulating cool water and boiler water, Calcium Phosphate stabilization, Zinc Stabilization, Calcium Carbonate Inhibition.

The dosage of 10-30mg/L is preferred when use alone.




Scale & Corrosion Inhibition Performance

CaCO ₃ inhibition	Ca ₃ (PO ₄) ₂ inhibition	CaC ₂ O ₄ inhibition	Silicate inhibition
Good	Excellent	Good	Good
Calcium tolerance	Clay/Silt Dispersion	Iron Oxide Dispersion	Thermal Stability
Excellent	Excellent	Excellent	Excellent

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-2000;
- Acrylic Homopolymer;
- AA/AMPS