

KR-1000 Acrylic Homopolymer



Product Features

KR-1000 Acrylic Homopolymer is a low molecular weight polyacrylate with a molecular weight around 2000.

KR-1000 Acrylic Homopolymer is effective to inhibit precipitation of calcium carbonate, calcium oxalate, calcium sulfate, barium sulfate, and other low solubility salts, has good thermal stability to oxidizing agents such as chlorine. It is non-foaming, leading to environmental acceptability.

Technical Specification

Parameter	Standard
Appearance	Colorless to pale yellow transparent liquid
Solid content, %	47.0 - 49.0
Density (20°C), g/cm ³	1.20 min
pH (as is)	3.0-4.5

Applications & Usage

KR-1000 Acrylic Homopolymer can be used for general calcium phosphate, calcium carbonate fouling, and as a building block to improve the performance of phosphate, polyphosphate, phosphonate and zinc based water treatment formulations.

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-1000;
- Acrylic Homopolymer;
- Polyacrylic Acid