

KR-1100 Acrylic Homopolymer



Product Features

KR-1100 Acrylic Homopolymer is a low molecular weight polyacrylate with a molecular weight around 4500.

KR-1100 Acrylic Homopolymer is effective to prevent scale building in inhibiting precipitation and deposition of calcium carbonate, calcium oxalate, calcium sulfate, barium sulfate, and other low solubility salts.

KR-1100 Acrylic Homopolymer has good anti-scaling efficiency at low dosage over a wide range of pH, water hardness and temperature conditions, offers a strong dispersant activity contrarily to phosphonates.

Technical Specification

Parameter	Standard
Appearance	Colorless to pale yellow transparent liquid
Solid content, %	47.0 - 49.0
Density (20℃), g/cm ³	1.20 min
pH (as is)	3.0 - 4.5
Viscosity(25℃), cps	500 - 900

Applications & Usage

Scale inhibition in open recirculating cooling circuits (especially for CaCO₃ scale) of, dispersant for all types of cooling circuits of industrial water.




Dispersant for boiler sludge control.

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

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-1100;
- Acrylic Homopolymer;
- Polyacrylic Acid