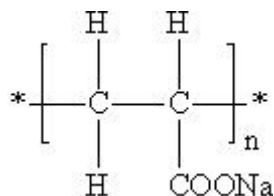




## KR-1000 Acrylic Homopolymer

### Structural Formula:



### Properties :

KR-1000 is a Low Molecular Weight Polyacrylic Acids and their corresponding sodium salts. These products have weight average molecular weights of approximately 2000 and 4500. KR-1000 are highly effective scale inhibitors that can be used industrial water treatment and oil production applications to inhibit the deposition of calcium carbonate, calcium sulfate, barium sulfate, and other low solubility salts on surfaces. These polymers show good activity over a wide range of pH, water hardness, and temperature conditions. The choice among the members of the series depends on the application, formulation, use conditions, and required performance characteristics. These materials show excellent freeze-thaw stability.

### Specification:

Items	Index
Appearance	Colorless to pale yellow transparent liquid
Solid content, %	47.0-49.0
Density (20℃), g/cm <sup>3</sup>	1.20 min
pH (as it)	3.0-4.5

### Usage:

When used alone, the dosage of 10-30mg/L is preferred. When used as dispersant in other fields, the dosage should be determined by experiment.

### Package and Storage:

200L plastic drum, IBC(1000L), customers' requirement. Storage for ten months in shady room and dry place.