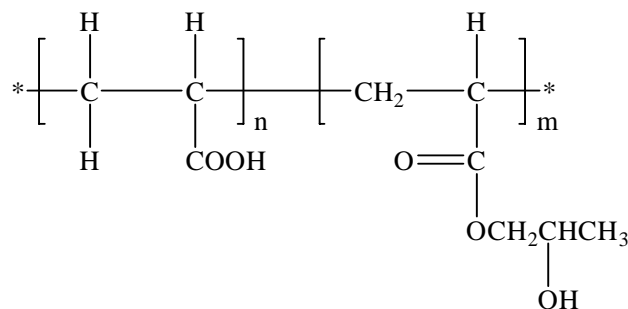


Acrylic Acid-2-Hydroxypropyl Acrylate Copolymer

(T-225)

CAS No 55719-33-0

Structural Formula:



Properties:

T-225 is copolymer of polyacrylic acid and hydroxypropyl acrylate, it has good scale inhibition and dispersion properties to calcium phosphate and calcium carbonate, it has good dispersion properties to ferric oxide sludge, clay and grease. T-225 can be used under high pH situation and has good compatibility with other organophosphines and BTA, T-225 can effectively withhold sediments of zinc salt and calcium phosphate, it has good scale inhibition and dispersion properties under high temperature and alkaline situations.

Specification:

items	Index	
	Neutro	Acid
Appearance	Colorless to light yellow viscous liquid	
Solid content %	30.0min	30.0min
Free monomer (as AA)%	0.5max	0.5max
pH (1% water solution)	7.5±1.0	2.5±0.5
Limiting viscosity number (30°C) dl/g	0.060~0.095	
Density (20°C)g/cm ³	1.10min	

Usage:

T-225 can be used in circulating cool water system in situation of alkaline and excess of phosphate. It can be used as scale inhibitor and dispersant for heater, none-column evaporator boiler, circulating cool water and oilfield dirty refilling water with high calcium content. The dosage of 10~30mg/L is preferred. It can be built with organophosphines to form full organic alkaline formula.

Package and Storage:

Normally In 200kg net Plastic Drum, IBC drum can also be used as required. Storage for one year in room shady and dry place.