

Polymaleic acid

Properties:

Polymaleic acid is a homopolymer with obvious threshold inhibition and crystal modification. It is the superior calcium carbonate inhibitor in high hardness, high alkalinity, and high temperature severe water conditions and a multifunctional formulation support agent in industrial water systems and other related applications. Polymaleic acid is widely used in desalination plant of flash vaporization equipment, low pressure boiler, steam locomotive, crude oil evaporation, petroleum pipeline, and industrial circulating cool water systems.

Specification:

Items	Index
Appearance	Amber liquid
pH	2.0 max
Bulk Density (20 °C)	1.15-1.2
Solid content	48-52

Usage:

Polymaleic acid has better performance when combined with phosphonates than when phosphonates used alone. Polymaleic acid is compatible with quaternary ammonium compounds, while not affected by chlorine or other oxidizing biocides under normal use conditions.