

Modified Sodium Polyacrylate (Acumber 2000)

Properties:

This is the copolymer of acrylic-acrylate-sulfosate, it is a good scale inhibitor for calcium phosphate, calcium carbonate and other inorganic minerals. It can effectively stabilize calcium phosphate in formula containing phosphate. It can also stabilize zinc in formula containing zinc. It can disperse inorganic micro-particles without pH influence. It is an effective dispersant in all organic water treatment formula; it can be used as dispersant for minerals, stabilizer for calcium phosphate. (similar to RohmHaas Co. ACUMER 2000).

Specification:

| items | index |
|----------------------------------|--------------------|
| Appearance | Light amber liquid |
| Solid content % | 42.5-43.5 |
| Density (20°C) g/cm ³ | 1.21min |
| pH value (1% water) solution | 3.8 - 4.6 |

Usage:

It can be used as scale inhibitor for circulating cool water and boiler water, for phosphate, zinc ion and inorganic minerals in particular. When used alone, the dosage of 10-30mg/L is preferred. When used in other fields, the dosage should be determined by experiment.

Package and Storage:

Normally In 250kg net Plastic Drum, IBC drum can also be used as required. Storage for ten Months in room shady and dry place.