

## TH-2000 Modified Sodium Polyacrylate

### Properties:

TH-2000 is the copolymer of acrylic-acrylate-sulfosate, it is a good scale inhibitor for calcium phosphate, calcium carbonate and other inorganic minerals. TH-2000 can effectively stabilize calcium phosphate in formula containing phosphate. It can also stabilize zinc in formula containing zinc. It can disperse inorganic microparticles without pH influence.

TH-2000 is an effective dispersant in all organic water treatment formula, it can be used as dispersant for minerals, stabilizer for calcium phosphate. (similiar to RohmHaas Co. ACUMER 2000).

### Specification:

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

### Usage:

TH-2000 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.