

TH-150 RO Antiscalant and Dispersant

Properties:

TH-150 is a high-effective scale inhibitor, it is suitable for reverse osmosis (RO), nanofiltration (NF) and ultrafiltration (UF) system. TH-150 can inhibit the scale deposit on membrane surface, improve water quality, lower operation expense. TH-150 has the following properties:

- (1). Used together with organic flocculants.
- (2). Used for drinking water system.
- (3). Inhibit scales formation of calcium carbonate, calcium sulfate, barium sulfate and strontium sulfate, no scale is formed even when LSI value is 3.0.
- (4). Used for almost all RO membranes.
- (5). Maintain the surface of RO membrane clean by dispersing particle blockage.
- (6). Effective in pH 5-9.
- (7). Used directly, or after dilution.
- (8). Good resistance to alumina oxide and ferric oxide.

Specification:

items	index
Appearance	Amber transparent liquid
pH (1% water solution)	2.85 ± 1.0
Density (20°C) g/cm ³	1.10min

Package and Storage:

25kg barrel or confirmed by clients.

Usage Method:

For best effective, TH-150 should be added before static mixer or cylindrical filter, the dosage of 3-6mg/L is expected, it can be diluted by RO liquid or by deionized water.

Notes: extra or insufficient dosage will do harm to the RO membrane.