

RO Chemicals –

Antiscalant EN-170 for Reverse Osmosis Membrane



1. Performance and use

- ▲ Broad-spectrum reverse osmosis scale inhibitor, with good scale inhibition effect, wide range of use, and good scale inhibition and dispersion effect on conventional water quality;
- ▲ Effectively control inorganic scaling in a wide concentration range, and the maximum allowable value of LSI is 3.0 without adding acid;
- ▲ It does not condense with iron-aluminum oxides and silicon compounds to form insoluble matter, and can be used for reverse osmosis CA and TFC membranes, nanofiltration membranes and ultrafiltration membranes;
- ▲ Excellent solubility and stability;
- ▲ The pH value of feed water is valid within the range of 5-10.

2. Technical indicators

| | |
|---|--|
| Exterior | Colorless or light yellow transparent liquid |
| PH(1%) | 2.5±1.0 |
| Specific gravity (25 °C g/cm ³) | 1.05±0.03 |

3. How to use

- ▲ The medicine should be added before the security filter;
- ▲ The actual output of the metering pump should be calibrated;
- ▲ The medicine should be fully stirred for 15-20 minutes when preparing the medicine;
- ▲ The medicine filling box should be cleaned regularly to prevent the growth of bacteria

4. Dosing instructions

According to the water analysis report and the system situation, calculate a suitable dosing concentration. Generally, the dosing concentration is 5-10ppm, and it should be diluted 10 times with desalinated water.

5. Packaging and storage

※ Conventional packaging is 25kg or 20kg per barrel;

※ **The** acid reverse osmosis membrane scale inhibitor has stable physical and chemical properties, and the shelf life is two years.

6. Safety protection

Pay attention to labor protection during operation, avoid contact with skin, eyes, etc., rinse with plenty of water after contact.