

KR-0100 RO Antiscalant And Dispersant

Properties:

KR-0100 is a high-effective scale inhibitor, it is suitable for reverse osmosis (RO), nanofiltration (NF) and ultrafiltration (UF) system. It can inhibit the scale deposit on membrane surface, improve water quality, lower operation expense. This product has the following properties:

- (1). Inhibit inorganic scale formation for a wide concentration span, the largest permitted LSI value is 2.8 when no acid is added.
- (2). Not flocculate with ferric oxide, alumina oxide or silica oxide to form suspended substance;
- (3). Inhibit the pollution from ferric, aluminium or heavy metals pollutants. The permitted ferric concentration for inlet water supply can reach to 8.0ppm.
- (4). Inhibit the flocculate and deposit of silica, the permitted silica concentration for condense side can reach to 290ppm.
- (5). Be used in CA, TFC, NF and UF membranes for RO system.
- (6). Good solubility and stability.
- (7). Effective in pH 5-10.

Specification:

Items	Index	
Appearance	Clear liquid	Clear transparent liquid
pH(1% water solution)	2.0±0.5	2.0-3.0
Density (20°C), g/cm ³	1.03-1.06	1.45±0.05
Main content	Micromolecular containing P	Micromolecular containing P
Decomposition product under high temperature	orthophosphate	orthophosphate

Package and Storage:

200L plastic drum,IBC(1000L),customers' requirement.

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