

INDION ROCA 19

Chemical for reduction of SDI

Application

INDION ROCA 19 is liquid chemical used for reducing the SDI of raw water fed to Reverse Osmosis plants. This chemical formulation may be used independently. INDION ROCA-19 is efficient in removal of colloidal particles from water. These chemical formulations can be used for efficient removal of organics oil and suspended solids from potable and RO feed water. This formulation works as a flocculant and reduces SDI. Laboratory evaluation revealed no adverse effect on the membrane of R O plants. INDION ROCA 19 has to dosed online be dosed at the inlet or outlet of water feed pump.

Product Data	INDION ROCA-19
Appearance	Pale Yellow Liquid
Ionic Character	Slightly Cationic
Viscosity@ 25° C	4000 – 18000
pH	2 - 5

Benefits

- Reduction of SDI
- Good floc formation
- Rapid action
- Improved output of RO
- Improved clarity in filtrate
- Increased Membrane life

Features

- Ready to use liquid
- FDI approved chemical formulation
- Efficient removal of colloidal silica
- Sizable reduction in organics
- Improved clarity in filtrate
- Soluble to any concentration

Direction for Use

INDION ROCA 19 may be unloaded manually or pumped directly into the dilution tank from the container. Prepare stock -solution (1.0 to 1.5%w/v) using clear filtered water. Prepare feed solution by diluting the stock solution about ten times directly or by on-line using filtered water. In all the cases the chemical is to dosed through a dosing pump and SDI to be checked at the out let of cartridge filter. The effect of chemical is evident only at cartridge filter considering the floc size.

Handling

Do not store the material in open. Keep the container tightly closed when not in use. These products exhibit very low order of oral toxicity. No special care is required in handling this product.