

PLSOLUTION[®] RO A152

Seawater RO Antiscalant & Antifoulant
for Multi-stage Flash Distillation Plants

GENERAL DESCRIPTION

PLSOLUTION[®] RO A152 is a copolymer that controls inorganic scale formation in seawater RO membrane and antifoulant for multi-stage flash distillation plants. Small amounts of this polymer effectively handles large quantities of dissolved salts, thus preventing precipitation, settling and baking onto heat transfer surfaces. **PLSOLUTION[®] RO A152** also impairs crystal growth, modifying the crystal structure to create a soft sludge by product that does not adhere to heat transfer surfaces. **PLSOLUTION[®] RO A152** readily dissolves in any type of water.

TYPICAL PRODUCT PROPERTIES

Appearance	: Amber color liquid
Specific Gravity	: 1.28 – 1.36
pH	: 6.0 – 9.0

DOSAGE AND CONTROL

For Seawater RO application, treatment dosage depends water chemistries, typically at 2 – 6mg/L product against feed water flow.

For Multi - stage Flash Distillation process, treatment dosage is typically at 0.8 - 1.0mg/L at top brine temperature (TBT) 90°C and 1.8 to 2.0mg/L at TBT 110°C.

HANDLING PROCEDURE

Wear safety face shields or goggles, rubber gloves, long pants and long sleeve shirt when handling. Please refer Safety Data Sheets for details on health and safety information.

PACKAGING

PLSOLUTION[®] RO A152 is available in 30kg.