

TYPE – Specialized High Performance Anti-scalent for Evaporator and Process Waters such as Mining, Iron and Steel, Paper & Pulp, Sugar Processing and Critical Heat Exchange Operations.

MMA-L70-PIC is a specialized reacted polymer containing polymeric anti-scalents, sequestrants and dispersants. It is designed to inhibit precipitation of calcium, magnesium and iron salts in the form of carbonate, sulphate and oxalate compounds. It is also effective in the binding of other metallic salts such as aluminium, zinc, strontium and barium.

TYPICAL PROPERTIES

Appearance	:	Clear to Opaque Yellowish Liquid
Flash Point	:	Not Applicable
pH neat soln. at 25°C	:	5.0-8.0
Specific Gravity at 25°C	:	1.18 – 1.25
Solubility in Water	:	Complete
Active Polymers	:	40%

APPLICATION & CONTROL

MMA-L70-PIC is dosed as follows:

Dosage required will vary according to the potential precipitative salts present and a detailed analysis of the process water is recommended.

Depending upon water flow velocities and applicable cycles of concentration, dosages will vary from 3 mg/l to 20mg/l. **MMA-L70-PIC** is specifically utilized where total hardness can reach 800mg/l as CaCO₃ or where calcium sulphate presence is at 2500mg/l as CaSO₄. **MMA-L70-PIC** may be applied online as an descalent, but higher residuals will be required – estimate 100-200mg/l.

There is a direct test method to determine product residual in these systems.