

TECHNICAL DATA SHEET

Finor PMA 200

Poly-maleic Acid Polymer (Aqueous)
SCALE INHIBITOR AND DISPERSANT

Product Features :

- ✓ Dispersant and inhibitor for CaCO₃ and CaSO₄ scale in industrial water treatment
- ✓ Phosphorous free, can replace phosphonate as scale inhibitor
- ✓ No phosphorous discharge
- ✓ Stable at all pH levels

Specifications :

◆ Appearance	: Clear amber liquid
◆ Nature	: Copolymer of Maleic acid
◆ Solid Content	: 47 % to 50 %
◆ pH (as is)	: 2 to 3
◆ Specific gravity at 25°C	: 1.20 to 1.25
◆ Brookfield viscosity at 25°C	: 10 to 40 cps
◆ Solubility in water	: Freely soluble in water

Benefits :

- ◆ Scale inhibitor and dispersant effective on scale formers like calcium phosphate, calcium sulphate, calcium carbonate and silt.
- ◆ Calcium carbonate inhibition even in high alkalinity, high hardness and high TDS systems.
- ◆ Enhances inhibition properties in combination with high performance dispersant polymers.
- ◆ Smart polymer used in high hardness water of side stream softening thereby allowing hardness removal in the softener.

Mechanism of action:

- 1) Threshold effect / solubility enhancement - reduces precipitation of low solubility inorganic salts.
- 2) Crystal modification - yield small, irregular and fractured crystals. Do not adhere well to surfaces.
- 3) Dispersing - prevents crystals / inorganic particles from agglomerating and depositing.



Storage, Packing and Handling:

- ◆ Store away from direct sunlight and high temperature shocks.
- ◆ Non-flammable and non-combustible
- ◆ Available in 60 kg cans, 250 kg drums or 1200 kg totes
- ◆ Products are generally safe for handling. However avoid contact with skin and eyes. Do not take internally. Gloves and Goggles should always be used while handling the product.

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