

Maxinol 10

PRODUCT FEATURES

Acrylic homopolymer

Maxinol 10 is low molecular weight poly-acrylic Acid homopolymer. It is highly effective as dispersant and scale inhibitor in industrial water treatment, Boiler water treatment.

The unique manufacturing process of M 10 gives it exceptional performance advantage compared to conventional polyacrylates. Threshold effect tests have shown M 10 is as effective as polymers that are twice as concentrated.

M 10 inhibits precipitation of CaCO₃, CaSO₄ and other low solubility salts, which are responsible for scales on heat exchanger surfaces. The low molecular weight polymer shows good activity over wide range of pH, high hardness and temperature. Apart from thermal stability product has good stability to oxidizing agent like chlorine. The product is non-phosphorus, non-foaming dispersant; hence it has good environmental acceptability.

M 10 being an acidic polymer, allows formulators greater flexibility in their formulations, i.e. M 10 can readily dissolve azoles that would normally need another solvent or would require formulations to be neutralize to a high pH.

SPECIFICATIONS

Appearance	:	Clear colourless to pale yellow liquid.
Nature	:	Acrylic Homopolymer
Grade	:	Acidic
pH (as is at 25 ⁰ C)	:	< 3
Avg. Molecular Wt.	:	≈ 4500
Density (at 25 ⁰ C)	:	1.05 ±0.05 gm/cc
Solid Content	:	25 ± 1%
BF viscosity cP @ 25 ⁰ C	:	5 – 15

(These are typical values and not the final specifications)

Atur Chambers, 3rd Floor, 2 A, Moledina Road,
Pune 411 001. India
Tel: +9120-56090000
Fax: +9120-27121395/ +9120-26053396
E-Mail: aquapharm@vsnl.com

Aquapharm Chemicals Pvt. Limited

MAJOR BENEFITS

Effective inhibitor of precipitations of CaCO₃, CaSO₄.
Easier to formulate than conventional neutral polyacrylate.
Excellent dispersion of suspended inorganic matter like
clay, slits, precipitates etc.

SAFETY AND HANDLING

Maxinol 10 is generally safe but avoid contact with eyes
and skin. Do not take internally. Gloves and goggles
should be used while handling the product.

STORAGE

Maxinol 10 is non-flammable, non-combustible. It should
be stored under shade. The product should not be

PACKING

M axinol 10 is available in 50 / 200 Kgs polydrums packing