

M 10

Acrylic homopolymer

PRODUCT FEATURES

M 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 as well in all types of water based formulations. It inhibits deposition of Ca / Mg Salts (Carbonates, Sulphates), Barium Sulphate and other low solubility salts, which are responsible for depositions of scales on surfaces. The low molecular weight polymer shows good activity over wide range of pH, high hardness and temperature without precipitation. 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.

SPECIFICATIONS

Appearance	: Clear colourless to pale yellow liquid.
Nature	: Acrylic Homopolymer
Grade	: Acidic
pH (as is at 25 ^o C)	: < 3
Avg. Molecular Wt.	: ≈3000
Density (at 25 ^o C)	: 1.05 ±0.5 gm/cc
Solid Content	: 25 ± 1%
Brookfield viscosity At 25 ^o C	: 5 – 25 cps

(These are typical values and not the final specifications)

MAJOR BENEFITS

It is very widely used in industrial water treatment as dispersant and scale inhibitor. It inhibits build up of scale by solubility enhancement, crystal growth modification and the dispersion property of the low molecular weight polymer structure.

SAFETY AND HANDLING

M 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

M 10 is non-flammable, non-combustible. It should be stored under shade. The product should not be exposed to direct sunlight.

PACKING

M 10 is available in 50 / 200 Kgs polydrums packing