

DISCRIPTION

Acrylic Acid Sulphonated copolymer

These are low molecular weight acrylic acid & 2- acrylamido -2 -methylpropanesulphonic acid co-polymers. These polymers provides a unique combination of two different polarities a weakly anionic carboxylate group which provides effective dispersion and scale inhibition action & a strongly anionic sulphonated group offers high water hardness and iron tolerance to the polymer. These polymers shows synergistic performance for scale inhibition when combine with organo-phosphates.

APPLICATION

These polymers can be used as Scale inhibitor and dispersing of insoluble salts in industrial Cooling circuits, oil filed industry.

Due to its high iron and zinc stabilization can be used as a iron oxide and zinc stabilizer. These polymers also can be used as phosphate scale inhibitors in various water based systems.

SPECIFICATION

Parameter	Specifications		
Appearance	Colorless to brown, clear liquid	Colorless to pale yellow, clear liquid	Colorless to pale yellow, clear liquid
Total Solid (%)	43 - 45	42 - 44	35 - 39
Avg. Mol. Wt. (Aprx.)	4500	4500	11000
Sp. Gravity	1.2 - 1.3	1.2 - 1.3	1.1 - 1.3
pH	4 to 5	3.5 to 4.5	4 to 5

(These are typical values and not specifications)

PACKING

Tanker Load, 1250 kg IBC & 250 kg barrel