

Carboxylate Sulphonated Copolymer

DISCRIPTION

This is a low molecular weight carboxylate sulphonated copolymer having high content of sulphonated group. This high content of sulphonated group creates strong anionic effect and provides high degree of water hardness tolerance to high the polymer. So also, due to this highly charged group the polymer gets stability in presence iron and can stabilize iron and phosphates.

APPLICATION

In paper making process calcium ion in pulp forms scales and pitting. Addition of the carboxylate sulphonated copolymer prevents the scale formulation through threshold inhibition effect and disperses the precipitated inorganic salts and other impurities through its high dispersing action. This can be effective use in cooking of pulp, recycling paper etc.

PECIFICATION

Parameter	Specification
Appearance	Colorless to pale yellow, clear liquid
Total Solid (%)	35 - 39
Avg. Mol. Wt. (Aprx.)	11000
Sp. Gravity	1.1 - 1.3
pH	4 to 5

(These are typical values and not specifications)

PACKING

Tanker Load, 1250 kg in IBC & 250 Kg barrels