

Copolymer of Sodium P-Styrene Sulfonate and Maleic (SSS/MA)

Properties:

The **SSS/MA** is the best scale inhibitor and dispersant among all the polymers for cooling water treatment. The copolymer contains carboxylic acid groups and sulfonic acid groups, the scale inhibition rate of calcium carbonate, phosphate root, calcium sulfate is more than 90% and has excellent ability to disperse iron oxide, the stability rate of zinc ion is more than 90%.The polymer has excellent temperature resistance, which is better than hydrolyzed polymaleic anhydride and solvent polymaleic anhydride, and is a good substitute for solvent polymaleic anhydride.

Used in flash unit for seawater desalination and low pressure boiler and industrial circulating cooling water, especially for Texaco gas furnace ash water scale control.

The addition of **SSS/MA** to the boiler water effectively prevents the accumulation of scale and sludge and it disperses, or conditions, accumulated sludge enabling it to be removed by blow down.

It prevents deposits from forming on the water side surfaces, maintains efficient heat transfer, and decreases the incidence of boiler clean up, thus lowering operating costs.

Specification:

Items	Index
Appearance	Clear, amber liquid
Solid content, %	25.0 min
pH(as it)	6.0-9.0
Density (20°C), g/cm ³	1.10-1.25
Viscosity; Brookfield @ 25°C, cps	100.0 max

Usage:

Usually with 3 ~ 15mg/L and organic phosphonate compound, used for circulating cooling water treatment and low-pressure boiler furnace treatment, has a good inhibition of scale generation and peeling old scale, scale inhibition rate can reach 98%, [EDTMPS](#) and [SSS/MA](#) according to 1:3 ratio, can be used for low-pressure boiler furnace water treatment; When [SSS/MA](#) is combined with zinc salt, the corrosion of carbon steel can be effectively prevented.

Package and Storage:

200L plastic drum,IBC(1000L),customers' requirement.

Storage for ten months in shady room and dry place.

Safety:

Avoid contact with eye and skin, once contacted, flush with water.

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