



MALEIC ACID / ACRYLIC ACID COPOLYMER [MA/AA]

SYNONYMS:

MA-AA; Copolymer of Maleic and Acrylic Acid; Acrylic Acid Maleic Anhydride Copolymer

CAS No: 26677-99-6

MOLECULAR FORMULA: C₃H₈NO₉P₃Na₄

OTHER TRADE NAME: Belclene 283

PROPERTIES:

MA/AA is a low molecular weight polyelectrolyte, a copolymer of maleic anhydride and acrylic acid. It has good dispersant performance against carbonate and scale inhibition for phosphate. Also has good thermal stability, can be used under high temperature (300 degree). MA/AA has good compatibility when used together with other agents. MA/AA is widely used in low-pressure boiler, centralized heating, centralized air-conditioner and circulating cool system. MA/AA can also be used as chelating dispersants in woven and dyeing fields.

SPECIFICATION:

Appearance	Clear amber liquid
Solid content%	48.0 min
Free monome(as maleic acid%)	11.0 max
Density (20° C)g/cm ³	1.18-1.22
pH(1% solution)	2.0-3.0

USAGE:

MA/AA is used in circulating cool water system, medium or lower pressure boiler and distillation system in which high temperature is usually encountered. MA/AA can be used alone or together with other organic phosphates. When used together, the dosage of 2-10mg/L is preferred. The dosage for use as woven & dyeing and accessory detergent should be determined by experiments.

PACKING:

250Kgs Net Drum.