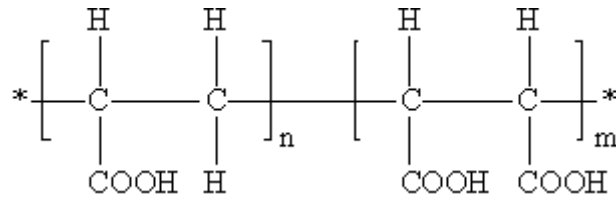


# Copolymer of Maleic and Acrylic Acid (MA/AA)

CAS No. 26677-99-6

Structural Formula:



## 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. It has good thermal stability, can be used under high temperature (300°C).

[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. It can also be used as chelating dispersants in woven and dyeing fields.

## Specification:

Items	Index
Appearance	Umber transparent liquid
Solid content, %	48 min
Free monomer (as MA), %	5.0 max
Density (20°C), g/cm <sup>3</sup>	1.20 min
pH(1% water 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.

## **Package and Storage:**

200L plastic drum,IBC(1000L),customers' requirement. Storage for one year in shady room and dry place.

## **Safety Protection:**

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

## **Synonyms:**

[MA-AA; Copolymer of Maleic and Acrylic Acid; ACRYLIC ACID MALEIC ANHYDRIDE COPOLYMER](#)

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