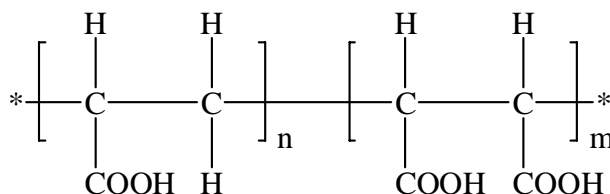


## Copolymer of Maleic and Acrylic Acid (MA/AA)

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	Water treatment agent	Accessory detergent
Appearance	Clear brown liquid	amber transparent liquid
Solid content %	48min	50min
Free monomer (MA) %	9.0max	5.0max
Density (20°C) g/cm <sup>3</sup>	1.18min	1.18min
pH (1% water solution)	2.0~3.0	2.0±1.0

### 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:

Normally In 250kg net Plastic Drum, IBC drum can also be used as required. Storage for one year in room shady and dry place.

### Safety Protection:

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