



# Uniphos Chemicals

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## XF-322W (MA/AA)

**XF-322W(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.

<b>Abbreviation</b>	CPMA, or MA/AA
<b>Chemical Name</b>	Copolymer Of Maleic Anhydride And Acrylic Acid
<b>Commercial Form</b>	Aqueous Solution
<b>CAS NO.</b>	26677-99-6

### Typical Properties

<b>Appearance</b>	Clear brown liquid
<b>Solid content %</b>	48-52
<b>Free monomer (MA) %</b>	9.0 max
<b>Specific Density (20°C) g/cm<sup>3</sup></b>	1.18 min
<b>pH (1% solution)</b>	2.0~3.0

### Packaging & Safety

210L HDPE Drum; 1000L IBC(tote); Isotank  
MSDS is available upon request.