|  |  |
| --- | --- |
| **PRODUCT DATA SHEET** **MA-AA** | |
| Synonyms | Copolymer of Maleic and Acylic Acid |
| CAS Number | 26677-99-6 |
| UN No. | 3082 |
| Structural Formula | http://www.th-chem.com/cp_img/3/MA-aa.gif |
| Product Grade | Industrial |
| Description  & Application | 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℃). 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. |
| Safety Protection | Acidity, avoid contact with eye and skin, once contacted, flush with water. |
| Specification | Solid content % : 48-52  Free Monomer(as MA) %:≤3.5%  pH（1% solution）: 2.0-3.0  Density(20℃) g/cm3 : 1.18-1.24  Appearance：Brown yellow transparent liquid |
| Package | 25kg or 200kg net Plastic Drum. Stored in cool and dry place. |
| Shelf Life | One year. |