



# Uniphos Chemicals

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## XF-3211 (AA/AMPS)

### Deflocculant & Sequestrant

**XF-3211(AA/AMPS)** is a copolymer of Acrylic Acid/AMPS, and long recognized as a high-quality phosphate stabilizer. It is also a very effective dispersant in all organic cooling water treatments that rely on the corrosion inhibiting properties of organic phosphonates. It acts as mineral scale dispersant, a calcium phosphonate stabilizer and long with organic phosphonate, as a threshold mineral scale inhibitor, additionally; it disperses any calcium phosphate formed organic phosphonates degraded by oxidizing biocides such Chlorine. It offers the following benefits:

- High-quality phosphate stabilizer
- Effective dispersant and corrosion inhibitor
- Wide pH application, especially in high pH conditions
- Iron and zinc stabilizer

<b>Abbreviation</b>	AA/AMPS
<b>Chemical Name</b>	Acrylic Acid/2-Acrylamido-2-MethylPropaneSulfonic Acid Copolymer
<b>Commercial Form</b>	Aqueous Solution
<b>Molecular Weight</b>	4,500

### Typical Properties

<b>Appearance</b>	Colorless to pale yellow clear solution
<b>Solid Content (%)</b>	≥40%
<b>pH(1% solution) @ 25 °C</b>	3.5-4.5
<b>Specific gravity (20 °C, g/cm<sup>3</sup>)</b>	≥1.15
<b>Free monomer, as AA, %</b>	≤0.5

### Package:

210L HDPE Drum;1000L IBC(tote);Isotank