



# Uniphos Chemicals

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## XF-3100(AA/AMPS Terpolymer)

**XF-3100(AA/AMPS Terpolymer)** is a Terpolymer of AA, AMPS and Sulphonate. It is a superior dispersant and stabilizer in all cooling water programs. This polymer offers the following benefits:

- Superior dispersant and stabilizer for use in All-Organic, Stabilized Phosphate, Zinc, and Molybdate cooling water programs
- Maintains excellent heat transfer and low corrosion rates under stressed conditions
- Excellent antiscalant agent
- Stabilizes for corrosion inhibitors such as phosphate and zinc
- Disperses particulate matter containing calcium, iron, and kaolin and prevent their adhesion to heat transfer surfaces
- Prevents the precipitation of phosphonates, and zinc in circulating water with high amounts of calcium, iron, or alkalinity to allow controlled film formation of these corrosion inhibitors at the metal surface and, thus, maintain low corrosion rates.
- XF-3100 controls boiler deposits to produce the highest quality water. It controls both dried iron oxide and hydrated iron oxide in condensate return and well water.
- Superior inorganic particulate dispersant, especially for iron oxide and hydroxyapatite- keeps surfaces clean for maximum heat transfer.
- Thermally and chemically stable- can be used over a broad range of pH, temperature and pressure.

<b>Abbreviation</b>	AA/AMPS
<b>Chemical Name</b>	Acrylic Acid / 2-acrylamido-2-methylpropanesulfonic Acid Terpolymer
<b>Commercial Form</b>	Aqueous Solution

### Typical Properties

<b>Appearance</b>	Light yellow to amber liquid
<b>Solid Content (%)</b>	43.0-44.0
<b>pH(1% solution) @ 25 °C</b>	2.0-3.0
<b>Specific gravity (20 °C, g/cm<sup>3</sup>)</b>	1.10-1.20

### Package

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