

Technical Specification

Parameter	Standard
Appearance	Colorless to pale yellow viscous liquid
Solid content, %	40 min
Free monomer (as AA), %	0.5 max
Density (20°C), g/cm ³	1.15 min
pH(1% water solution)	3.5~4.5

Applications & Usage

AA/AMPS can be used as scale inhibitor and dispersant in open circulating cool water system, oilfield refill water system, metallurgy system and iron & steel plants to prevent sediment of ferric oxide. When built with organophosphorines and zinc salt, the suitable pH value is 7.0~9.5. AA/AMPS can also be used as dyeing auxiliaries for textile.

Scale & Corrosion Inhibition Performance

CaCO₃ inhibition	Ca₃(PO₄)₂ inhibition	CaC₂O₄ inhibition	Silicate inhibition
Good	Excellent	Good	Good
Calcium tolerance	Clay/Silt Dispersion	Iron Oxide Dispersion	Thermal Stability
Excellent	Excellent	Excellent	Very Good

Package & Storage

25kg Bag	200L Drum	1000L IBC	ISO Tank
			
Storage for 10 months in shady room and dry place.			

Hazard & Safety Precaution

Hazard Information	Safety Precaution
Not regulated	
Once contacted with eye and skin, flush with plenty of clean water.	

Alternative Name / Synonyms

- AA-AMPS;
- AA-AMPSA;
- Acrylic Acid-2-Acrylamido-2-Methylpropane Sulfonic Acid Copolymer;
- Sulfonated Polyacrylic Acid Copolymer;
- Phosphinocarboxylic acid copolymer;