



Uniphos Chemicals

No. 8, Tonghai 2nd Road
Rudong, Nantong 226407, China

Tel.: +86-513-6990 8111 Fax: +86-513-6990 8155

XF-327 (PMAAS)

XF-327 (PMAAS) is a **Polymethacrylic Acid Sodium**. It inherits the benefits of **PAA** (Poly-acrylic Acid Homopolymer) as below:

- Thermally and hydrolytically stable
- Excellent performance under pulp/paper conditions
- Effective against barium sulphate and calcium oxalate
- Cost savings by removing need for more expensive speciality copolymers
- Provides extended performance under boiler conditions at pressures up to 1000 psig
- Outperforms polyacrylates in pulp/paper applications
- Multifunctional scale control and dispersancy in paper machines

Except the benefits as above, it shows the following property, compared with PAA:

- Much more stable heat resisting property, as the methyl strengthen the sterically hindered effect.

Abbreviation	PMAAS
Chemical Name	Polymethacrylic Acid Sodium
Commercial Form	Aqueous Solution
Molecular Weight	19,000-20,000
Recommended Uses	Sludge dispersant, Dispersant in de-inking and Paper machine deposit control

Typical Properties

Appearance	Clear yellow liquid
Solid Content (%)	29.0-31.0
pH (10%solution) @ 25°C	9.0-10.5
Specific gravity (20°C, g/cm³)	1.18-1.21

Packaging

IBC/Tote, 210L PE drum, Bulk Tanker