



Uniphos Chemicals

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XF-332 (EDTMPA.Na5)

Powerful Sequestrant and Good Deflocculant

XF-332(EDTMPA.Na5) is a general-purpose scale inhibitor, powerful sequestrant and good Deflocculant for cement. Based on ethylene diamine tetra (methylene phosphonic acid), XF-332 is recommended for applications in peroxide bleach stabilization and scale control in detergent formulations, I & I cleaners, geothermal water treatment, oilfield scale control, cement hardening retardation.

Abbreviation	EDTMPA.Na5
Chemical Name	Ethylenediamine Tetra (Methylene Phosphonic Acid), Sodium salt
Molecular Formula	C ₆ H ₁₅ N ₂ O ₁₂ P ₄ Na ₅
Commercial Form	Aqueous Solution
Product Line	Phosphonates
Molecular Weight	546
CAS Number	22036-77-7 (xNa), 7651-99-2 (5Na)

Typical Properties

Appearance	Clear light yellow to amber liquid
Active Acid (as EDTMPA), %	24.0 – 26.0
Active Salt (as EDTMPA.Na5), %	30.0 – 32.6
pH (as is) @ 25°C	6.0-8.0
Specific gravity @ 20°C, g/cm³	1.25-1.35
Iron, as Fe, ppm	20 max
Chlorides (as Cl), %	5.0 max

Packaging & Safety

210L PE drum, IBC/Tote
MSDS is available upon request.