



Uniphos Chemicals

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XF-335S (PAPEMP)

XF-335S (PAPEMP) is a new kind of water treatment agent. **XF-335S (PAPEMP)** has high chelation and dispersion effects, high value of calcium tolerance, and good scale inhibition effects.

XF-335S (PAPEMP) can be used as scale and corrosion inhibitor in circulating cool water system and oilfield refill water system in situations of high hardness, high alkali and high pH value. **XF-335S (PAPEMP)** has excellent scale inhibition ability to calcium carbonate, calcium sulfate and calcium phosphate. **XF-335S (PAPEMP)** can efficiently inhibit the formation of silica scale, stabilize metal ions such as Zn, Mn and Fe.

XF-335S (PAPEMP) can be used as scale inhibitor for reverse osmosis system and multistep flash vaporization system in which high salt concentration, high turbidity and high temperature are usually encountered (such as high temperature and high turbidity in coal vaporization system), accessory agent for woven & dyeing (for example, yellow turnback inhibition agent), as alternatives of EDTA, DTPA and NTA .

Abbr.	PAPEMP
Chemical Name	Polyamino Polyether Methylene Phosphonate

Typical Properties

Appearance	Clear pale yellow to yellow solution
Active content (as PAPEMP), %	32.0 - 34.0
pH, as is	4.2 – 4.8
Specific Gravity @ 20°C, g/cm ³	1.23-1.33
phosphorous acid (as PO ₃ ³⁻)	2.5% max.
Phosphoric acid (as PO ₄ ³⁻)	1.0% max
Iron, as Fe, ppm	35 max
APHA color	250 max

Packaging

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