JIYUAN QINGYUAN WATER TREATMENT CO., LTD

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Product Information:

Chemical Name	Polyamino Polyether Methylene Phosphonic Acid(PAPEMP)
Abbreviation	PAPEMP
Molecular Weight:	600
Application Notes	PAPEMP is a new kind of water treatment agent, in condition of high concentration multiple it has high value of calcium tolerance , so it has excellent scale inhibition ability to calcium carbonate, calcium sulfate and calcium phosphate. PAPEMP can be used together with AA/AMPS and other polymers in situations of high hardness, high alkali and high pH value water system. PAPEMP has excellent dispersing performance to Fe_2O_3, $Fe(OH)_3$ and $Zn(OH)_2$, so it can be used in the high Fe and high turbidity refill system.
Recommended Uses	PAPEMP is a macromolecular organic phosphonic acid, it can chelate with Cu, Ca,Mg and form as soluble chelation, so it can be used widely in cooling water system, family detergent, thermal power plant, oil field etc. PAPEMP has good synergistic effects with other water treatment chemicals, like HPAA, ATMP, etc. especially in high hardness, high turbidity, high pH and high concentration multiple conditions.

Product Specification:

Items	Index
Appearance	Amber transparent liquid
Active component %	40.0 min
Phosphoric acid (as PO_4^{3-})%	1.0 max
Density (20℃) g/cm^3	1.15-1.25
pH (1% solution)	1.5-2.5

Package and Storage:

Normally in 200L HDPE drum and 1000L IBC.

Storage for 10 months in room shady and dry place.

Safety Protection:

Acidity , avoid contact with eye and skin, once contacted, flush with plenty water.