



PERFORMANCE CHEMICALS

COOLING AND HEATING WATER TREATMENT

SLUDGE DISPERSION, CLEANING, PRETREATMENT

MEMBRANE AND THERMAL DESALINATION

POWER PLANTS AND GEOTHERMAL INDUSTRY

WASTE WATER TREATMENT

POLYMERS

PHOSPHONATES

COAGULANTS & FLOCCULANTS

Performance Chemicals

+ Advantages

- + Simplified dilution, feed and handling
- + Easy to use direct and formulate
- + Cost effective
- + Locally manufactured/available
- + Available in various packing size
- + Continuous R/D for special applications
- + Tailor Made Solutions and Blends for applications



Product	Chemistry	Function	Features & Benefits	pH	Mw (g/mole)	Active Acid (%)
KOR PA	Amino Trimethylene Phosphonic Acid (ATMP)	Scale and Corrosion Inhibitor	Multipurpose mild steel corrosion and Calcite (CaCO ₃) threshold inhibitor.	0-2	299	48-52
KOR PA 06	Penta Sodium salt of Amino Trimethylene Phosphonic Acid (ATMPNa ₅)	Neutralized Scale and Corrosion Inhibitor	Neutral threshold inhibitor.	10-11	409	27-30
KOR PH	1-Hydroxy Ethylidene-1,1-Diphosphonic Acid (HEDP)	Scale and Corrosion Inhibitor	Combines and performs excellent corrosion inhibition with polymer, other phosphonates and zinc.	0-2	206	58-62
KOR PH 04	Tetra sodium of 1-Hydroxy Ethylidene-1,1-Diphosphonic Acid (HEDPNa ₄)	Neutralized Scale and Corrosion Inhibitor	Noted for its excellent CaCO ₃ scale inhibition and chlorine stability.	10-12	294	20-22
KOR CP	Phosphonobutane tricarboxylic acid (PBTC)	Scale Inhibitor	The only metal chelant stable in hypochlorite environment.	1-3	270	48-50

Product	Chemistry	Function	Features & Benefits	pH	Mw (Da)	Total Solids (%)
KOR PDS 1000	Homopolymer Na Salt (PAA)	Squestering and Dispersing agent	High ion dispersing effect and can be used in high alkalinity environment such as detergents.	3-4,5	4000-5000	45-48
KOR PDS 1100	Homopolymer Na Salt, semi neutralized (PAA)	Squestering and Dispersing agent	Part neutralized low molecular weight ion dispersant.	6-8	4000-5000	44-46
KOR PDS 2000	Sulphonated Polyacrylic Acid Copolymer (AA/AMPS)	Phosphate and Metal Ion Dispersing Agent	Excellent dispersing effect of inorganic particulates and resistant to pH upsets.	4-6	10000-11000	36-38
KOR PDS 2100	Sulphonated Polyacrylic Acid Copolymer (AA/AHPS)	Phosphate and Metal Ion Dispersing and special online cleaning agent.	Excellent phosphate and zinc stabilizer. Good dispersing effect during online cleaning.	4-6	10000-11000	43-45
KOR PDS 3000	Sulphonated Polyacrylic Acid Terpolymer (AA/AMPS/NI)	Superior Squestering and Dispersing agent	Superior scale inhibitor in all water treatment programs especially in stressed conditions.	2-3	4000-5000	43-45
KOR PDS 3100	Sulphonated Polyacrylic Acid Terpolymer (AA/AMPS/SS)	Superior Squestering and Dispersing agent	Excellent CaCO ₃ Inhibition and silica dispersion under HTHP conditions. Effective iron oxide dispersion.	2-3	10000-15000	45-50
KOR PQF	Poly Polyquaternary Coagulant	Cationic Coagulant	Liquid, cationic primary coagulants in liquid-solid separation processes for wide variety of industries.	4-7	Low - Medium	49-52
KOR PDF	Poly Dicyandamide Coagulant	Cationic Coagulant	Additional to coagulating effect it has efficient decolorizing as well.	3-6	Low	45-50
KOR EAF	Emulsion Anionic PolyAcrylamide (A-EPAM)	Anionic Flocculant	Emulsion anionic Polyacrylamide based flocculants with various charge and Mw.	6-8	As per requested	35-40
KOR ECF	Emulsion Cationic PolyAcrylamide (C-EPAM)	Cationic Flocculant	Especially used in dewatering systems. Excellent dissolution properties.	7-8	As per requested	25-35