

KR-604 Scale and Corrosion Inhibitor for Power Plant

Properties:

KR-604 is built with organophosphoric acid, polycarboxylic acid, carbon iron and copper corrosion inhibitor. **KR-604** can effectively chelate and disperse calcium carbonate, calcium sulfate and calcium phosphate scales. **KR-604** has good scale inhibition effect on steel & iron and copper. **KR-604** is mainly used in circulating cool water system in power plant, chemical plant, petrochemical, steel & iron. It has the advantages of effective and strong corrosion inhibition.

Specification:

Items	Index			
	A	B	C	D
Thiazole(C ₆ H ₅ N ₃), %	--	1.0 min	3.0 min	--
Total phosphoric acid (as PO ₄ ³⁻), %	6.8min	6.8min	6.8min	6.8min
Phosphorous acid(as PO ₃ ³⁻), %	1.0min	1.0min	1.0min	--
phosphoric acid (as PO ₄ ³⁻), %	0.50min	0.50min	0.50min	--
Solid content, %	32.0 min	32.0 min	32.0 min	32.0 min
PH(1% water solution)	3.0±1.5	3.0±1.5	3.0±1.5	3.0±1.5
Density 20°C, (g/cm ³)	1.15 min	1.15 min	1.15 min	1.15 min

Usage:

Add **KR-604** into plastic pool (or box) every day, dilute with water and continuously add into inlet of dosage pump or metering valve (outlet of collecting tank). Dosage of 5-20ppm is preferred (according to quantity of makeup water).

Package and Storage:

200L plastic drum,IBC(1000L),customers' requirement. Storage for one year in shady room and dry place.

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