

KR-604 Scale and Corrosion Inhibitor for Power Plant

Product Features

KR-604 Scale and Corrosion Inhibitor is built with organophosphoric acid, polycarboxylic acid, carbon iron and copper corrosion inhibitor. KR-604 Scale and Corrosion Inhibitor 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 Scale and Corrosion Inhibitor is mainly used in circulating cool water system in power plant, chemical plant, petrochemical, steel & iron. KR-604 Scale and Corrosion Inhibitor has the advantages of effective and strong corrosion inhibition.

Technical Specification

Parameter	Standard			
	A	B	C	D
Thiazole($C_6H_5N_3$), %	--	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℃, (g/cm ³)	1.15 min	1.15 min	1.15 min	1.15 min

Applications & Usage

Add KR-604 Scale and Corrosion Inhibitor 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 & Storage

25L Drum	200L Drum	1000L IBC	ISO Tank
			
Storage for 10 months in shady room and dry place.			

Hazard & Safety Precaution

Hazard Information	Safety Precaution
Not regulated	  
Acid, avoid contact with eye and skin, once contacted, flush with plenty of clean water.	