

Sarvin Sanat Mana Company

Supplier Sealing for Oil and Gas / Melting Metals



Tungestan Carbide /SGL

The Corosion Test For TC in Reagent		
Test Enviroment		Tungestan Carbide
Reagent Concentration	Temperature (C)	TC 6 %
98% H2SO4	100	>1000
50% NaOH	100	5
53% HF	25	8
85% H3PO4	100	55
70% HNO3	100	>1000
45% KOH	100	3
25% HCL	70	85
10% HF + 57% HNO3	25	>1000

Main Technology Data of Tungestan Carbide (TC)				
Item	WC-CO	WC-CO	WC-CO	WC-Ni
Description	SGL-YG6	SGL-YG8	SGL-YG15	SGL-YWN8
Density	14.6 ~ 15.0	14.5 ~ 14.9	13.9 ~ 14.2	14.4 ~ 14.8
HRA	89.5	89	87	88
Bending Strength	1421	1470	2058	1470
Liner Expansivity 10-6 /K (20 C ~ 500 C)	5	5.1	6.3	5.3
Medium	Resistant against : Oil , Sewage Water , Weak Acid / Alkali ect,			Strong Erosive Medium