

HP Graphite Electrode

1. The high power graphite electrode uses Fushun petroleum coke, Japanese imports of needle coke and temperature modified asphalt as raw material, in accordance with the high power graphite electrode production processes, crushing, screening, dosing, kneading, forming, baking, high pressure impregnation, the second time of baking, graphitization and machining refined.

2. The nipple uses Japanese imports of needle coke, three times of baking processes.

ITEM NAME	SPECIFICATION		
HP GRAPHITE ELECTRODE	Resistivity ($\mu\Omega.m$)	Electrode	6.5
		Nipple	5.5
	Bulk Density(g/cm ³)	Electrode	1.60-1.62
		Nipple	1.73
	Modulus of rupture(Mpa)	Electrode	9.8-10.5
		Nipple	16.0
	Young's modulus(Gpa)	Electrode	12.0
		Nipple	16.0
	Ash(%)	Electrode	0.30
		Nipple	0.30
	CTE(100-600°C) 10-6/°C	Electrode	2.4
		Nipple	2.2

