

UHP Graphite Electrode

1.Ultra-high power graphite electrode uses Japanese imports of needle coke as raw materials, in accordance with the ultra high power graphite electrode production process,crushing,screening,dosing,kneading,forming,baking,high pressure impregnation,the second time of baking,graphitization and machining refined.

2.Ultra high power nipple uses Japanese imports of needle coke,three times of impregnation and four times of baking processes.

ITEM NAME	SPECIFICATION		
UHP GRAPHITE ELECTRODE	Resistivity ($\mu\Omega.m$)	Electrode	5.5
		Nipple	4.5
	Bulk Density(g/cm³)	Electrode	1.66-1.67
		Nipple	1.75
	Modulus of rupture(Mpa)	Electrode	11.0
		Nipple	20.0
	Young's modulus(Gpa)	Electrode	14.0
		Nipple	18.0
	Ash(%)	Electrode	0.30
		Nipple	0.30
	CTE(100-600℃) 10-6/℃	Electrode	1.5
		Nipple	1.4

