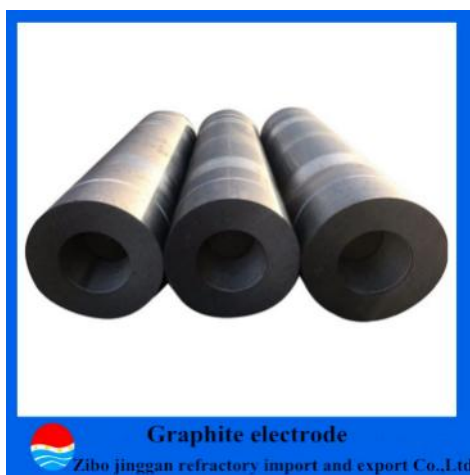


ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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HP Graphite Electrode



1,Description of HP Graphite Electrode

The main raw materials of the product are high quality petroleum coke and low grade needle coke. Sometimes the electrode body needs to be impregnated. The mechanical properties of the product are higher than those of regular power products, such as low resistivity, which permits the passage of a larger current density.

The graphite electrode products we supply are used in roughing furnace and refining furnaces, the quality grade is HP. They are divided into various specifications according to their diameters and lengths. It is a good conductive and heat conductive high temperature product for steelmaking.

The product we supply has a low consumption rate per ton of steel. in roughing furnace, the consumption rate of HP product per ton steel is less than 2.5 kg, and in refining furnace, the consumption rate of HP product per ton steel is less than 0.85 kg.

The product is black and cylindrical.

2, Index of HP Graphite Electrode

Item		High Power	
		Φ 200-Φ 400	Φ 450-Φ 600
Resistivity $\mu \Omega \cdot m$ $\leq$ (Max)	Electrode	6.5	
	Nipple	5.5	

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Bulk density g/cm ³ ≥ (min)	Electrode	1.62	1.60
	Nipple	1.73	
Modulus of rupture Mpa ≥ (min)	Electrode	10.5	9.8
	Nipple	16.0	
Young' s modulus Gpa ≤ (Max)	Electrode	12.0	
	Nipple	16.0	
Ash % ≤ (Max)	Electrode	0.3	
	Nipple	0.3	
CTE(100-600℃) 100-6 /℃ ≤ (Max)	Electrode	2.4	
	Nipple	2.2	

3, Additional note:

- 1)The size of the product is bigger, the diameter is 300-600mm.
- 2)The product is used in high power electric furnace, and the consumption rate of ton steel is low.

4, Product packaging:

use safe, firm and moisture-proof packing suitable for land and sea transportation

5, Our service:

- 1)Provide free technical advice for users
- 2)Free for users to provide product application description
- 3)Free for users to provide product configuration design scheme
- 4)Free for users to provide sample, for user testing

6, Our advantages:

- 1)Professional, with more than 20 years of refractory production and operation, stronger technical exchanges and services
- 2)We have our own Refractory material product production cooperation factory
- 3)We have our own Graphite Electrode product production cooperation factory

7. Good feedback of product use effect, the products have been exported to Australia, Oman, the United States

8. We are a professional supplier, who can provide customers with free product technology, use and other issues.

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**Do you want to find a professional supplier of
refractory products?**

**Do you want to find a professional supplier of
graphite electrodes?**

Do you want to find a stable and credible supplier?

Then let's contact with jinggan company

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