

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Zirconia Brick



1,Description of Zirconia Brick:

Zirconia Brick is produced with the advantage of good high temperature stability of zircon sand. It has the characteristics of high strength, high density and high refractoriness under load .So, this product has good performance of spalling resistance, abrasion resistance, liquid glass erosion resistance and other industrial slag erosion resistance. It is widely used in glass molten pool furnace, refined steel, cement kiln and non-ferrous metal smelting furnace.

2,Index of Zirconia Brick:

Item	JZB-63	JZB-65
Al ₂ O ₃ %	—	—
ZrO ₂ %	63	66
SiO ₂ %	35	33
Fe ₂ O ₃ %	0.3	0.3
Apparent Porosity %	18	18
Bulk density g/cm ³	3.70	3.75
Cold crushing strength Mpa	100	100
Refractoriness under load KD, °C	1620	1660

3,Product knowledge:The preparation methods of aggregate usually include slurry castable, isostatic pressure method and melting-casting method,The aggregate prepared by melting-casting method has the best performance.Choose suitable

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aggregate, add mineralizer, organic binder, water, fully mix, trap material for 24 hours, then prepare for forming. The sintering temperature of zirconia brick is 1550~1650℃. During the process of 1300~1500℃, the product shrinks sharply and should be heated slowly to avoid damage. The main crystalline phase of the product is the coexistence of zircon and glass phases, mutual Mosaic Combination, to form a tight whole without obvious gap.

4, Significant features of the product: high purity, less impurities, compact structure, high density, high strength, good stability at high temperature, good resistance to glass and other liquids, good atmospheric erosion performance.

5, Product forming methods: pouring and isostatic pressing

6, Our advantages: Our company and manufacturer strictly follow the mature production process and quality control system to produce the product, to ensure the internal and external quality of the product, to strictly select products, non-conforming products will never be shipped, complete testing, to ensure that 100% of the products are qualified when they leave the factory.

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

8. The manufacturer is a professional manufacturer and can provide complete product index test reports or third-party test reports.

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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