

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Fused Zirconium Corundum Brick



1,Description of Fused Zirconium Corundum Brick:

The raw material of Fused Zirconium Corundum Brick is melted in high temperature electric furnace, then casting moulding, and machined into qualified products. Fused Zirconium Corundum Brick has strong alkali resistance, good abrasion resistance and spalling resistance. The product has very low porosity and high density, and is widely used in glass furnace bottom and flow tank.

2,Index of Fused Zirconium Corundum Brick:

Item	Zirconia 33#	Zirconia 41#
SiO ₂ %	<16	≤13
Al ₂ O ₃ %	>48	≥44
ZrO ₂ %	32-35	40-44
Fe ₂ O ₃ + TiO ₂ +CaO+K ₂ O+Na ₂ O %	≤2.5	≤2.5
Cold crushing strength Mpa	≥350	≥350
Thermal expansion ratio%	≤0.8	≤0.8
Exudation temperature of glass phase °C	>1400	>1400
Glass erosion resistance 1500°C*36h,%	≤1.4	≤1.2
Apparent Porosity %	≤2.0	≤1.3
Bulk density g/cm ³ common casting	≥3.4	≥3.55

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Bulk density g/cm ³ Incline casting	≥3.45	≥3.6
Bulk density g/cm ³ Non shrinkage cavity casting	≥3.7	≥3.9
Refractoriness under load KD, °C	≥1700	>1700

3,Product characteristics:

1)Electro-fused corundum bricks without shrinkage holes have very low porosity and good compactness. They have excellent alkali corrosion resistance and scouring performance, which can be divided into 33#、41#. The products are machined and polished to ensure smoothness, neat edges and the cracks behind the masonry are very small.

2)The product is pure white, big block, used in glass furnace bottom, pool wall.

4,Our advantage:Our company and factory have rich experience in the production and supply of this product,perfect production process and quality control system.After cutting,polishing and numbering,the product ensures the precise size and the accuracy and sequence after masonry.Users come to the factory for acceptance,are very satisfied, won the trust of customers.

5,Our commitment:100% qualified products, non-conforming products will never be shipped,free to provide complete product testing reports,technical services,visits to factories.Damage occurs in the course of transportation or reasonable masonry,and compensation is provided free of charge.

6.Good feedback of product use effect,the products have been exported to Pakistan,Oman,Kenya

7.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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