

ZrO2 65% Zircon Refractory Bricks Low Porosity Zircon Brick For Glass Kiln

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- Minimum Order Quantity: 1 Ton
- Price: 200-800USD
- Packaging Details: packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



Product Specification

- Bulk Density: High
- Chemical Resistance: High
- Color: Red
- Compressive Strength: High
- Density: High
- Material: Refractory Bricks
- Porosity: Low
- Refractoriness: High
- Refractoriness Under Load: High
- Shape: Rectangular
- Size: Customized
- Softening Point: High
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: High

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Product Description

High Quality Zircon Bricks Refractory ZrO2 65% Zircon Brick For Glass Kiln

Description of Zircon Brick

Rongsheng Zircon brick / Zirconium bricks produced by stable zircon sand with the advantage of mechanical strength, excellent stability to thermal shock, resistance to corrosion, high refractoriness under load and inertness, high density, etc. It is widely used in glass furnace, non-ferrous metal smelting furnace, and pure steel furnace.

1. Zirconia Brick is manufactured using high quality zirconia and zirconium corundum clinker raw materials with ceramic and chemical bonding.
2. Zirconia brick is shipped under high pressure and fire with high temperature with scientifically and reasonably gradating and adding good performance of additives.

Features of Zircon Brick

1. High refractoriness under load;
2. Excellent thermal shock resistance;
3. Good corrosion resistance;

4. High mechanical strength;
5. Great creep resistance;
6. High density;

Application of Zircon Bricks

1. Glass melting furnace.
2. Ladle lining in the metallurgical industry.
3. Areas of crown, burner, thermal couple, peep hole, and secondary layer of melter bottom and back lining.
4. Areas of glass tank, such as paving part and secondary layer of paving bottom, back lining, wall and bottom of fore hearth, flowing spout and spinning portion and melter.
5. Upper area of flame space or frequent thermal shock position.
6. Lining of alkali-free or low-alkali glass, sodium-calcium glass, boron-silicate glass, ceramic glass, lead glass, and other technical glass melting furnace.

Technical Parameter of Dense Zircon Brick:

Item
ZrO ₂ %
SiO ₂ %
Fe ₂ O ₃ %
TiO ₂ %
Bulk Density g/cm ³
Apparent Porosity %
Cold Crushing Strength MPa
0.2Mpa Refractoriness Under Load
Thermal shock resistance cycle 1100 water cooling

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