Our Product Introdu

High Quality Assured Dense Zircon Bricks Furnace Refractory Bricks For Enhanced Performance in Glass Kilns

Basic Information

Place of Origin: Zhengzhou,ChinaBrand Name: Rongsheng Xinwei

Certification: ISO9001
Model Number: Rongsheng
Minimum Order Quantity: 1 Ton
Price: 200-800 USD

Packaging Details: Packed on wooden pallets, with water-proof

cover, and tightened with plastic/steel bandages

Delivery Time: 10-20 Days
Payment Terms: TT; L/C
Supply Ability: 2000 tons/month



Product Specification

Thermal Expansion: Low
Strength: High
Corrosion Resistance: High
Model: As Required

Application: Furnace, Kiln, Incinerator, Etc.Feature: High Temperature Resistance

Compressive Strength: 50-200MPa
 Improved Product Quality: Yes
 Flexural Strength: ≥10MPa
 Chamical Composition: Like Media

Chemical Composition: High, Medium, Low
 True Density: ≤2.33 G/cm3
 Moisture Content: Low

Material: Silica, Alumina, Magnesia, Zirconia, Etc.

Color: White, Yellow, Brown, Etc.Packing: Wooden Pallets Or Cartons



More Images



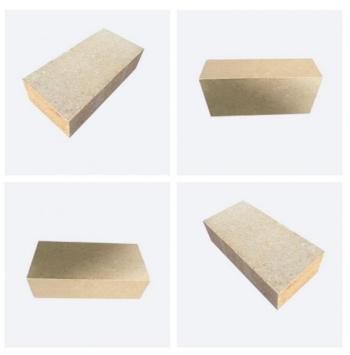


Product Description

Product Description of High Quality Assured Dense Zircon Bricks Furnace Refractory Bricks For Enhanced Performance in Glass Kilns

Dense zircon bricks are a type of refractory brick, meaning they are used in high-temperature environments. They are made from zirconium silicate (ZrSiO4) and are known for their high density, low porosity, and excellent thermal shock resistance.

Because of these properties, they are commonly used in glass furnaces, particularly for the bottom blocks, superstructure blocks, tuckstones, transition bricks, flow blocks, and thermocouple and peephole blocks They can also be found in soda-lime glass kilns, channel blocks, and the sidewall of glass fiber kilns and floating glass tanks.



Key Properties of High Quality Assured Dense Zircon Bricks:

High refractoriness: They can withstand temperatures exceeding 2400°C (4352°F).

Excellent thermal shock resistance: They can withstand rapid changes in temperature without cracking or spalling. High corrosion resistance: They are resistant to attack by molten glass and other corrosive chemicals. High mechanical strength: They are strong and durable, even at high temperatures. Low thermal conductivity: They help to insulate furnaces and kilns, reducing heat loss.

Product Specification of Dense Zircon Bricks For Glass Kilns

| Item | | Indicator | | | | |
|---|----------------------|-----------|------------------------|----------|--------|--------|
| | | Symbol | ZS-G | ZS- | ZS-65A | ZS-65B |
| Bulk Density/(g/cm³) | | ≥ | 4.30 | 4.1 0 | 3.70 | 3.70 |
| Apparent Porosity/ (%) | | ≤ | 1 | 11 | 17 | 19 |
| Room Temperature Compressive Strength/MPa | | ≥ | 300 | 200 | 100 | 80 |
| Refractoriness Under Load Te.6/(°C) | | ≥ | 1700 | 170 0 | 1680 | 1650 |
| resistance to glass liquid erosion under static conditions/ (cm²/24h) (alkali-free glass,1500 ×48h) | | | Provide Detection Data | | | |
| Chemical Composition/% | Zr O2 | ≥ | 65 | 68 | 65 | |
| | Si O ₂ | ≤ | 32 | 30 | 33 | |
| | Fe 2O 3 | ≤ | 0.20 | 0.2 | 0.2 | |
| | Ti O2 | ≤ | 1.2 | 1.2 | 1.2 | |







S +86-18538509097 Jackyhan2023@outlook.com bricksrefractory.com

