

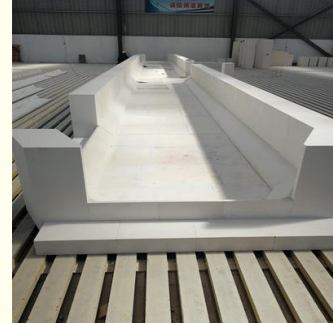
## Fused High Zirconia Bricks For Glass Furnaces With High Corrosion Resistance

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RSGZ-1, RSGZ-2
- 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: 2000tons /month



### Product Specification

- Shape: Rectangular
- Bulk Density: 2.0-2.25 G/cm<sup>3</sup>
- Model Number: Customer's Requirement
- Package: Wooden Pallets With Plastic Film Or As Per Customer's Requirement
- Softening Temperature: High/Medium/Low
- Type: Preheating Furnace, Electric Arc Furnace
- Color: Red
- Origin: China
- Volume Density:  $\geq 2.20 \text{ g/cm}^3$
- Condition: Brand New
- Abrasion Resistance:  $\leq 0.6 \text{ cm}^3$
- Density: 2.3g/cm<sup>3</sup>
- Model: As Required
- Thermal Capacity: High

### Product Description

#### Product Description of Fused High Zirconia Bricks For Glass Furnaces With High Corrosion Resistance

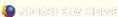
Fused high zirconia bricks are high zirconium refractories cast by melting high-purity raw materials through a special process. The crystal structure of fused high zirconia bricks is mainly composed of baddeleyite, so it has extremely high corrosion resistance, low foaming rate and concretion rate, and hardly pollutes the molten glass. Fused high zirconia bricks are suitable for all kinds of glass furnaces, especially high-quality glass furnaces and special glass furnaces, such as a single crystal substrate glass furnaces, high alumina glass furnaces, borosilicate glass furnaces, halogen lighting glass furnace, glass porcelain furnace, glass fiber furnace, etc.

Our Product Introduction



**Product Specification of Fused High Zirconia Bricks For Glass Furnaces With High Corrosion Resistance**

| Item                                                                                                                 | RSGZ-1 | RSGZ-2 |
|----------------------------------------------------------------------------------------------------------------------|--------|--------|
| ZrO <sub>2</sub> , % ≥                                                                                               | 88     | 93.2   |
| SiO <sub>2</sub> , % ≤                                                                                               | 9.5    | 5.0    |
| Al <sub>2</sub> O <sub>3</sub> +TiO <sub>2</sub> +Fe <sub>2</sub> O <sub>3</sub> +K <sub>2</sub> O+Na <sub>2</sub> O | 2.0    | 1.8    |
| BD,g/cm <sup>3</sup> ≥                                                                                               | 5.00   | 5.10   |
| AP,% ≤                                                                                                               | 1.0    | 1.0    |
| 0.2MPa RUL, ≥                                                                                                        | 1700   | 1700   |
| CCS,MPa ≥                                                                                                            | 400    | 400    |
| Erosion Speed, mm/24h ≤                                                                                              | 0.8    | 0.8    |
| CCS,MPa ≥                                                                                                            | 400    | 400    |
| Glass Phase Exudation,%≤                                                                                             | 0.4    | 0.4    |
| TC,W/m-K, 600°C                                                                                                      | 3.0    | 3.0    |
| TC,W/m-K, 600°C                                                                                                      | 2.8    | 2.8    |
| Coefficient ofThermal Expansion,%, 1000°C                                                                            | 0.65   | 0.70   |
| Coefficient ofThermal Expansion,%, 1500°C                                                                            | 0.10   | 0.20   |

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