

80% Al₂O₃ High Alumina Refractory Bricks 1800°C Fire Brick For Kiln Building

Our Product Introduction

for more products please visit us on bricksrefractory.com

Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RS-48, RS-55, RS-65, RS-75, RS-80
- 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

- Al₂O₃ Content: Above 48%
- Application Temperature: Below 1450
- Bulk Density: Above 2.2g/cm³
- Cold Crushing Strength: Above 55MPa
- Color: Red
- Compressive Strength: Above 110MPa
- Fe₂O₃ Content: Below 1.2%
- Material: High Alumina Refractory Brick
- Porosity: Below 18%
- Refractoriness: Above 1790
- Shape: Rectangle
- Size: Customized
- Thermal Conductivity: Low
- Thermal Expansion Coefficient: Below 4.5×10⁻⁶/

Product Description

Description of High Alumina Refractory Bricks With 80% Al₂O₃ & 1800 Refractoriness For Furnaces And Kilns

High alumina bricks are a type of refractory brick that contains a high percentage of aluminum oxide (Al₂O₃). They are typically made from bauxite, a naturally occurring mineral that is rich in Al₂O₃. High alumina bricks are characterized by their excellent high-temperature performance, corrosion resistance, and mechanical strength.

Our Product Introduction



Features of High Alumina Refractory Bricks With 80% Al₂O₃ & 1800 Refractoriness

1. High refractoriness;
2. High temperature strength;
3. High thermal stability;
4. Neutral refractory;
5. Good resistance to acid and basic slag corrosion;
6. High refractoriness under load;
7. High temperature creep resistance;
8. Low apparent porosity;

Product Application of Factory Price Good Quality High Alumina Brick

steel furnace, glass furnace, sodium silicate furnace, ceramic shuttle kiln, cement rotary kiln, blast furnace, electric furnace, blast furnace and reverberatory furnace.

Product Specification of High alumina refractory brick (1800 degree) high alumina brick used for glass furnace

| Item | | Properties | | | |
|---------------------------------------|-----------|------------|-------|-------|-------|
| | | RS-80 | RS-75 | RS-65 | RS-55 |
| Al ₂ O ₃ (%) | | 80 | ≥75 | ≥65 | ≥55 |
| Refractoriness (°C) | | ≥1790 | ≥1790 | ≥1790 | ≥1770 |
| Bulk density (g/cm ³) | | 2.65 | 2.5 | 2.45 | 2.4 |
| Softening temperature under load (°C) | | 1530 | ≥1520 | ≥1500 | ≥1470 |
| Linear changes on reheating (%) | 1500°CX2H | 0.1 | 0.1 | 0.1 | 0.1 |
| | | -0.4 | -0.4 | -0.4 | -0.4 |
| | 1450°CX2H | | | | |
| Apparent porosity (%) | | 22 | ≤23 | ≤23 | ≤22 |
| Cold crushing strength (Mpa) | | 55 | ≥50 | ≥45 | ≥40 |



Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd



+86-18538509097



Jackyhan2023@outlook.com



bricksrefractory.com

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China