

Standard Size Fire Brick High Alumina Refractory Brick With 48%+ Alumina for High Temp Tunnel Kilns

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: LZ-48, LZ-55, LZ-65, LZ-70, LZ-75, LZ-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

- Application Temperature: ≤ 1400
- Bulk Density: 2.2-2.6g/cm³
- Chemical Resistance: Good
- Color: White
- Compressive Strength: ≥ 50 MPa
- Packaging: Carton
- Porosity: $\leq 20\%$
- Product Name: High Alumina Refractory Brick
- Raw Material: Alumina
- Refractoriness: ≥ 1700
- Shape: Brick
- Size: Customized
- Thermal Conductivity: ≤ 1.2 W/m.K
- Thermal Shock Resistance: Good
- Water Absorption: $\leq 20\%$



More Images



Product Description

Product of Standard Size Fire Brick High Alumina Refractory Brick With 48%+ Alumina for High Temp Tunnel Kilns

High alumina brick, containing over 48% alumina, is classified as a neutral refractory. It is crafted through the molding and calcination of bauxite or similar high alumina raw materials. Exhibiting exceptional thermal stability, it withstands temperatures in excess of 1770 .

Our range encompasses top-grade High Alumina Bricks engineered to cater to the demands of neutral refractoriness, ensuring safe operation at temperatures surpassing 1300 degrees centigrade. Tailoring to specific needs, we offer High Alumina Bricks in various specifications to meet the unique requirements of our customers.

Our Product Introduction



Features of High alumina brick

- 1.High refractoriness
- 2.High load-bearing softening temperature
- 3.Good slag resistance
- 4.Good thermal stability
- 5.Low thermal conductivity
- 6.High strength
- 7.Good wear resistance
- 8.Good chemical stability
- 9.Wide range of use temperatures

HIGH ALUMINA BRICK



High alumina bricks are widely used in various industries due to their excellent properties, such as high refractoriness, good slag resistance, good thermal stability, low thermal conductivity, high strength, good wear resistance, and good chemical stability.

Applications of high alumina bricks:

Refractory linings for industrial furnaces and boilers, Cement kilns, Glass furnaces, Petrochemical and refinery plants, Metallurgical furnaces.

Product Specification of Standard size of fire brick high alumina refractory brick

Item	Index			
	SK40	SK38	SK37	SK36
	LZ-80	LZ-75	LZ-65	LZ-55
Al ₂ O ₃ %	≥80	≥75	≥65	≥55
Apparent Porosity, %	≤21	≤24	≤24	≤22
CCS, MPa	≥70	≥60	≥50	≥45
0.2MPa RUL	≥1530	≥1520	≥1500	≥1450
PLC, %	1500 ×2h -0.4~0.2			1450 ×2h -0.4~0.1



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