

## High Temperature Strength Low Price High Alumina Refractory Brick Refractory Fire Brick For Steel And Glass Furnace

Our Product Introduction

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### 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

- Alumina Content:  $\geq 48\%$
- Application: Cement Kiln, Glass Kiln, Etc.
- Color: White, Yellow, Etc.
- Compressive Strength:  $\geq 50\text{Mpa}$
- Density:  $2.2-2.4\text{g/cm}^3$
- Material: High Alumina Refractory Brick
- Packaging: Carton Box, Pallet, Etc.
- Porosity:  $\leq 22\%$
- Refractoriness:  $\geq 1700$
- Refractoriness Under Load:  $\geq 1450$
- Shape: Square, Rectangle, Etc.
- Size: Customized
- Softening Point:  $\geq 1700$
- Thermal Shock Resistance: Good



### More Images



### Product Description

#### Introduction of High Temperature Strength Low Price High Alumina Refractory Brick Refractory Fire Brick For Steel And Glass Furnace

High alumina bricks are a type of refractory material made from high-grade raw materials, primarily composed of alumina ( $\text{Al}_2\text{O}_3$ ). They are widely used in various high-temperature industrial applications due to their excellent thermal and mechanical properties.

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#### Features of High Temperature Strength Low Price High Alumina Refractory Brick

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;

#### Application of High Alumina Refractory Fire Brick For Steel And Glass Furnace

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

#### Physical and Chemical Index of High Alumina Refractory Brick

Item	Properties			
	RS-80	RS-75	RS-65	RS-55
Al <sub>2</sub> O <sub>3</sub> (%)	80	≥75	≥65	≥55
Refractoriness (°C)	≥1790	≥1790	≥1790	≥1770
Bulk density (g/cm <sup>3</sup> )	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
		-0.4	-0.4	-0.4
	1450°CX2H			
Apparent porosity (%)	22	≤23	≤23	≤22
Cold crushing strength (Mpa)	55	≥50	≥45	≥40



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