

## Al<sub>2</sub>O<sub>3</sub> High Alumina Refractory Brick RS-48 RS-55 High Alumina Fire Bricks For Kilns

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

- Abrasion Resistance: Excellent
- Chemical Resistance: Excellent
- Color: White
- Compressive Strength: High
- Density: High
- Material: High Alumina
- Refractoriness: High
- Refractoriness Under Load: High
- Shape: Brick
- Size: Standard
- Softening Temperature: High
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: Excellent
- Highlight: **Al<sub>2</sub>O<sub>3</sub> High Alumina Refractory Brick,**



### Product Description

#### Description of Different Types Of Al<sub>2</sub>O<sub>3</sub> Refractory Bricks RS-48, RS-55, RS-65, RS-75, RS-80 High Alumina Fire Bricks For Kilns

High alumina brick is a kind of alumina-silicate refractory material with content of alumina oxide more than 48%. It is calcined and formed by the raw material of banxite or the material with high content of AL<sub>2</sub>O<sub>3</sub>. High thermal stability, the refractoriness is more than 1770 . Good slag resistance, used for the liner of masonry steel-making electric stove, glass furnace and cement revolver.

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#### Features of RS-48, RS-55, RS-65, RS-75, RS-80 High Alumina Fire Bricks For Kilns

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 RS-48, RS-55, RS-65, RS-75, RS-80 High Alumina Fire Bricks For Kilns

As a basic material in the field of high-temperature technology, high alumina bricks are widely used in cement, glass building materials, steel smelting, petrochemical and other industries. High temperature industrial furnaces for high alumina bricks include blast furnace, hot blast furnace, electric furnace, blast furnace, reverberatory furnace and rotary kiln lining. In addition, high alumina bricks can also be processed into open hearth regenerative grid bricks, socket bricks for pouring system, nozzle bricks, etc. according to the requirements of industrial furnaces.

#### Product Specification of RS-48, RS-55, RS-65, RS-75, RS-80 High Alumina Fire Bricks For Kilns

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	0.1
		-0.4	-0.4	-0.4	-0.4
	1450°CX2H				
Apparent porosity (%)		22	≤23	≤23	≤22
Cold crushing strength (Mpa)		55	≥50	≥45	≥40



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