

## Refractory Al<sub>2</sub>O<sub>3</sub> Furnace Door Block High Alumina Refractory Brick for Kiln With Low Apparent Porosity

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: ≥48%
- Application: Ceramic Kiln/Furnace/Incinerator/Boiler
- Cold Crushing Strength: ≥40MPa
- Color: Red/White/Gray/Black/Yellow/Green/Blue
- Compressive Strength: ≥50MPa
- Density: 2.2-2.6g/cm<sup>3</sup>
- Material: High Alumina Refractory Brick
- Package: Wooden Pallet/Carton
- Porosity: ≤20%
- Refractoriness: ≥1700
- Refractoriness Under Load: ≥1450
- Shape: Square/Rectangle/Circle/Arc/Oval/Special Shape
- Size: Customized
- Softening Temperature: ≥1400



### More Images



### Product Description

#### Product Description of Refractory Al<sub>2</sub>O<sub>3</sub> Furnace Door Block High Alumina Refractory Brick for Kiln With Low Apparent Porosity

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.

Our Product Introduction



#### High Alumina Refractory Brick for Kiln With Low Apparent Porosity

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 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

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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