# Refractory Al2o3 Furnace Door Block High Alumina Refractory Brick for Kiln With Low Apparent Porosity

### Basic Information

Place of Origin: Zhengzhou ,ChinaBrand Name: Rongsheng Xinwei

• Certification: ISO9001

• Model Number: RS-48, RS-55, RS-65, RS-75, RS-80

Minimum Order Quantity: 1 TonPrice: 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/cm3

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: CustomizedSoftening Temperature: ≥1400



#### More Images





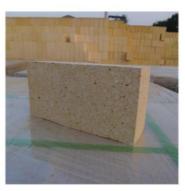
#### **Product Description**

### Product Description of Refractory Al2o3 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 AL2O3. 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.











## 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**

Froduct Specification of high Alumina heriactory Brick						
Item			Properties			
		RS-80	RS-75	RS-65	RS-55	
Al2O3 (%)		80	≥75	≥65	≥55	
Refractoriness (°C)		≥1790	≥1790	≥1790	≥177(	
Bulk density (g/cm3)		2.65	2.5	2.45	2.4	
Softening temperature under load (°C)		1530	≥1520	≥1500	≥147(	
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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