

Refractory Al₂O₃ 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: $\geq 48\%$
- Application: Ceramic Kiln/Furnace/Incinerator/Boiler
- Cold Crushing Strength: $\geq 40\text{MPa}$
- Color: Red/White/Gray/Black/Yellow/Green/Blue
- Compressive Strength: $\geq 50\text{MPa}$
- Density: 2.2-2.6g/cm³
- Material: High Alumina Refractory Brick
- Package: Wooden Pallet/Carton
- Porosity: $\leq 20\%$
- 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 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.

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 ₂ O ₃ (%)		80	≥75	≥65	≥55
Refractoriness (°C)		≥1790	≥1790	≥1790	≥1770
Bulk density (g/cm ³)		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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