

High Alumina Refractory Brick for Steel Furnace With 48-80% Al₂O₃ Refractory Fire Bricks For Sale

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

- Application Temperature: 1400-1600
- Bulk Density: $\geq 2.2\text{g/cm}^3$
- Cold Crushing Strength: $\geq 50\text{Mpa}$
- Color: Red
- Compressive Strength: 100-120Mpa
- Density: 2.2-2.4g/cm³
- Linear Change Rate: $\leq 0.2\%$
- Material: High Alumina Refractory Brick
- Moisture Content: $\leq 1.5\%$
- Porosity: $\leq 22\%$
- Refractoriness: 1700-1790
- Shape: Rectangle
- Size: Customized
- Thermal Conductivity: 0.3-0.6W/m.k
- Thermal Expansion: 0.6-1.2%



More Images



Product Description

Brief Introduction of High Alumina Refractory Brick for Steel Furnace With 48-80% Al₂O₃ Refractory Fire Bricks For Sale

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.

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Features of High Alumina Refractory Brick for Steel Furnace With 48-80% Al₂O₃

1. High refractoriness.
2. Good spalling resistance and wear resistance.
3. Good corrosion resistance.
4. Good thermal shock resistance.
5. High mechanical strength.
6. High-temperature creep rate is low.
7. Good volume stability at high temperature.

Application of Steel Furnace 48-80% Al₂O₃ Refractory Fire Bricks For Sale

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

Product Parameter of High alumina bricks

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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