

## High Alumina Refractory Brick for Steel Furnace With 48-80% Al<sub>2</sub>O<sub>3</sub> 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/cm<sup>3</sup>
- 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% Al<sub>2</sub>O<sub>3</sub> 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 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 High Alumina Refractory Brick for Steel Furnace With 48-80% Al<sub>2</sub>O<sub>3</sub>

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% Al<sub>2</sub>O<sub>3</sub> 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 <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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