

Refractory Alumina Bricks Alumina Silicate Fire Brick For Furnace

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: LZ55/LZ65/LZ75
- Minimum Order Quantity: 25 TONS
- 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: Cement Kiln, Glass Furnace, Etc.
- Bulk Density: $\geq 2.2\text{g/cm}^3$
- Cold Crushing Strength: $\geq 50\text{MPa}$
- Color: White, Grey, Red, Etc.
- Linear Change Rate: $\leq 0.2\%$
- Material: High Alumina Refractory Brick
- Package: Wooden Box Or Pallet
- Porosity: $\leq 20\%$
- Refractoriness: ≥ 1700
- Shape: Square, Rectangle, Arch, Etc.
- Size: Standard Or Customized
- Thermal Conductivity: $\leq 1.2\text{W/m.k}$
- Thermal Shock Resistance: Good
- Highlight: **Refractory Alumina Bricks.**

Product Description

Rongsheng Factory Price High Alumina Refractory Bricks For Furnace

Description of High Alumina Refractory Bricks

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 bauxite or the material with high content of Al_2O_3 . 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.

If Al_2O_3 content of High alumina refractory brick is higher than 90%, it is called corundum brick. Due to different resources, the standards of different countries are not completely consistent. For example, in European countries, the lower limit of Al_2O_3 content for high alumina refractories is 42%. In China, Al_2O_3 content in high alumina brick is generally divided into three grades: Grade I – Al_2O_3 content $> 75\%$; grade II – Al_2O_3 content is 60-75%; grade III – Al_2O_3 content is 48-60%.

High Alumina Refractory Bricks Specifications:

Our Product Introduction

Item		Properties			
		LZ-75	LZ-65	LZ-55	LZ-48
Al_2O_3 , %		≥75	≥65	≥55	≥48
Refractoriness °C		≥1790	≥1790	≥1770	≥1750
Bulk density.g/cm ³		2.5	2.45	2.4	2.3
Softening temperature under load		≥1520	≥1500	≥1470	≥1420
Permanent linear change,%	1500°CX2H	+0.1 -0.4	+0.1 -0.4	+0.1 -0.4	
	1450°CX2H				+0.1 -0.4
Apparent porosity,%		≤23	≤23	≤22	≤22
Cold Crushing strength Mpa		≥50	≥45	≥40	≥35
Application		All industrial furnace			



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