

Rongsheng Refractory Brick High Alumina Lining Bricks With High Refractoriness For Hot Blast Stove

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: LZ-48, LZ-55, LZ-65, LZ-70, LZ-75, LZ-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

- Abrasion Resistance: High
- Alumina Content: High
- Bulk Density: High
- Chemical Resistance: High
- Compressive Strength: High
- Flexural Strength: High
- Material: High Alumina
- Porosity: Low
- Refractoriness: High
- Refractoriness Under Load: High
- Shape: Brick
- Softening Point: High
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: High



More Images



Product Description

Description of Rongsheng Refractory Brick High Alumina Lining Bricks With High Refractoriness For Hot Blast Stove
High Alumina Refractory Brick is a type of refractory material with an alumina (Al₂O₃) content of more than 48%. It is a dense, hard brick with excellent resistance to high temperatures, corrosion, and abrasion. High Alumina Refractory Brick is typically used in applications where temperatures exceed 1850°C (3362°F).

High Alumina Refractory Brick is an essential material for many industrial processes. It is known for its durability, reliability, and performance in high-temperature and corrosive environments.

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Characteristics of Rongsheng Refractory Brick High Alumina Lining Bricks With High Refractoriness For Hot Blast Stove

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 High Alumina Lining Bricks Refractory Brick For Hot Blast Stove

They are widely used in liner, Arch, Roof, Combustor, Bottom for various kinds of industrial high temperature furnace and other thermal equipment.

1. Iron & steel making industry: Blast furnace, Hot blast furnace (stove), Hot metal ladle, Steel ladle, Heating furnace, Cupola furnace, etc.

2. Non-ferrous Metal industry: Smelting furnace, Refining furnace, Reverberatory furnace, etc.

3. Building materials industry: Cement kiln, Glass kiln, Tunnel kiln, Ceramic kiln, Lime kilns, Kiln car, etc.

4. Energy & Incineration: Coke oven, General boiler, Circulating fluidized bed boiler, Electric furnace, Waste incinerators, etc.

5. Civilian field: Domestic fireplaces, Pizza Oven and outdoor ovens.

6. Others: Petrochemical industry furnace.

Product Specification of Rongsheng Refractory Brick High Alumina Lining Bricks

Item	Specification				
	LZ-80	LZ-75	LZ-70	LZ-65	LZ-55
Al ₂ O ₃ %	≥80	≥75	≥70	≥65	≥55
Apparent Porosity, %	≤21	≤24	≤24	≤24	≤22
CCS, MPa	≥70	≥60	≥55	≥50	≥45
0.2MPa RUL	≥1530	≥1520	≥1510	≥1500	≥1450
PLC, %	1500 × 2h			1450 × 2h	
	-0.4~0.2			-0.4~0.1	



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