

LZ-48 LZ-55 LZ65 LZ 70 LZ75 LZ80 High Alumina Refractory Brick for Hot Blast Stoves - 1850°C High Temperature Resistance

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
- Chemical Stability: High
- Color: Red
- Compressive Strength: High
- Corrosion Resistance: High
- Durability: High
- Form: Brick
- Material: High Alumina Refractory Brick
- Refractoriness: High
- Shape: Rectangle
- Size: Standard
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: High



More Images



Product Description

Description of LZ-48 LZ-55 LZ65 LZ 70 LZ75 LZ80 High Alumina Refractory Brick for Hot Blast Stoves

High Alumina Bricks are a type of refractory brick made with a high content of alumina, typically over 48%. This gives the bricks excellent high-temperature resistance, thermal shock stability, and low thermal conductivity.

High Alumina Bricks are manufactured by mixing alumina-rich raw materials, such as bauxite and kaolin, with water and other additives. The mixture is then molded into bricks and fired at high temperatures.

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Features of LZ-48 LZ-55 LZ65 LZ 70 LZ75 LZ80 High Alumina Refractory Brick for Hot Blast Stoves

Excellent high-temperature resistance
Good thermal shock stability
Low thermal conductivity
High chemical resistance
Good mechanical strength

Application of LZ-48 LZ-55 LZ65 LZ 70 LZ75 LZ80 High Alumina Refractory Brick for Hot Blast Stoves

High Alumina Bricks are widely used in a variety of industrial applications, including:

Hot blast stoves
Cement kilns
Glass tank furnaces
Pot furnaces
Anode baking furnaces
Petrochemical plants
Fertilizer plants
Boilers
Coke ovens
Hot metal ladles

Some of the key advantages of High Alumina Bricks include:

Product Specification of LZ-48 LZ-55 LZ65 LZ 70 LZ75 LZ80 High Alumina Refractory Brick for Hot Blast Stoves

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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