

## High Oxide Aluminium Standard Refractory Brick With Temperature Resistance 1770

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: High Temperature Furnace
- Bulk Density: High
- Chemical Resistance: Good
- Cold Crushing Strength: High
- Color: Red
- Compressive Strength: High
- Material: High Alumina Refractory Brick
- Porosity: Low
- Refractoriness: High
- Shape: Rectangular
- Size: Standard
- Surface: Smooth
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: Good



### More Images



### Product Description

#### Description of High Oxide Aluminium Standard Refractory Brick With Temperature Resistance 1770

High Alumina Bricks, crafted from premium-grade raw materials with an alumina content exceeding 48%, are the epitome of superior refractory materials. These bricks boast exceptional thermal stability and refractoriness, withstanding temperatures in excess of 1770 . Renowned for their high strength and resistance to acid and erosion, they find applications in diverse industries including cement, glass, steel, and petrochemicals. With a composition tailored for neutral refractoriness, they ensure reliable performance in environments exceeding 1300 degrees centigrade. Explore our range of High Alumina Bricks, meticulously engineered to meet the stringent demands of high-temperature technology.

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#### Feature of High Oxide Aluminium Standard Refractory Brick With Temperature Resistance 1770

1. Good thermal conductivity. 2. High fire resistance. 3. Good slag resistance, acid and alkali resistance. 4. Thermal stability.

High alumina bricks find extensive application in industries that involve high-temperature processes and environments. These bricks, composed primarily of alumina ( $\text{Al}_2\text{O}_3$ ), possess remarkable refractory properties, making them ideal for use in various industrial settings. Some common applications include:

Steel Industry, Cement Industry, Glass Industry, Petrochemical Industry, Non-Ferrous Metal Industry, Power Generation, Ceramics Industry, Incinerators and Waste Management, Refractory Constructions.

Other Specialized Applications: High alumina bricks can be customized and utilized in a wide range of specialized applications, including in the aerospace, automotive, and chemical processing industries.

Overall, high alumina bricks are an integral part of many industries that rely on high-temperature processes, offering durability, thermal stability, and resistance to harsh environments.

#### Product Specification of High Alumina Bricks Standard Refractory Brick

Item	Specification				
	LZ-80	LZ-75	LZ-70	LZ-65	LZ-55
$\text{Al}_2\text{O}_3$ %	$\geq 80$	$\geq 75$	$\geq 70$	$\geq 65$	$\geq 55$
Apparent Porosity, %	$\leq 21$	$\leq 24$	$\leq 24$	$\leq 24$	$\leq 22$
CCS, MPa	$\geq 70$	$\geq 60$	$\geq 55$	$\geq 50$	$\geq 45$
0.2MPa RUL	$\geq 1530$	$\geq 1520$	$\geq 1510$	$\geq 1500$	$\geq 1450$
PLC, %	1500 × 2h		1450 × 2h		
	-0.4~0.2		-0.4~0.1		



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