

## Factory Price Al<sub>2</sub>O<sub>3</sub> Fire Resistant Brick High Alumina Refractory Brick for Cement Industry 1770

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

- Al<sub>2</sub>O<sub>3</sub> Content: ≥48%
- Application Temperature: ≤1450
- Color: White/Grey/Yellow/Red/Black/Customized
- Compressive Strength: ≥50MPa
- Density: 2.2-3.2g/cm<sup>3</sup>
- Fe<sub>2</sub>O<sub>3</sub> Content: ≤2.5%
- Linear Change Rate: ≤0.2%
- Material: High Alumina Refractory Brick
- Packing: Wooden Box/Pallet
- Refractoriness: ≥1700
- Refractoriness Under Load: ≥1450
- Shape: Square/Rectangle/Circle/Trapezoid/Customized
- SiO<sub>2</sub> Content: ≤45%
- Size: Standard/Customized
- Thermal Shock Resistance: Good



### More Images



### Product Description

#### Product Description of Factory Price Al<sub>2</sub>O<sub>3</sub> Fire Resistant Brick High Alumina Refractory Brick for Cement Industry 1770

High alumina bricks are a type of refractory material commonly for sale in RS Company. They are mainly composed of alumina (Al<sub>2</sub>O<sub>3</sub>), and have high refractoriness, high strength, acid and alkali resistance, good thermal stability, and other properties. High alumina bricks have high thermal stability and refractoriness above 1770 .

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#### Features of High alumina bricks

High refractoriness:  
 High strength:  
 Acid and alkali resistance:  
 Good thermal stability  
 Low thermal conductivity

#### Here are some of the specific applications where high alumina bricks are commonly used:

Metallurgical industry: High alumina bricks are used in a variety of metallurgical applications, such as blast furnaces, hot blast stoves, and steel ladles.

Cement industry: High alumina bricks are used in cement rotary kilns and other cement production equipment.

Glass industry: High alumina bricks are used in glass melting furnaces and other glass production equipment.

Chemical industry: High alumina bricks are used in a variety of chemical industry applications, such as incinerators and chemical reactors.

Power generation industry: High alumina bricks are used in power generation boilers and other power generation equipment.

#### Product Specification of Factory Price Al<sub>2</sub>O<sub>3</sub> Fire Resistant Brick

| Item                             | Specification        |       |                      |       |       |
|----------------------------------|----------------------|-------|----------------------|-------|-------|
|                                  | LZ-80                | LZ-75 | LZ-70                | LZ-65 | LZ-55 |
| Al <sub>2</sub> O <sub>3</sub> % | ≥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<br>-0.4~0.2 |       | 1450 ×2h<br>-0.4~0.1 |       |       |



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