

## Low Porosity Fireclay Bricks With Excellent Refractoriness For Industrial Kilns And Furnaces

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- 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: 20-30 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



### Product Specification

- Highlight: Industrial Kilns Fireclay Bricks, Excellent Refractoriness Fireclay Bricks

### Product Description

#### Introduction of Low Porosity Fireclay Bricks With Excellent Refractoriness For Industrial Kilns And Furnaces:

Low porosity fireclay bricks are designed to excel in high-heat environments where traditional bricks may fall short. Their unique properties make them a preferred choice for industries that require reliable thermal management and durability.

#### Product Features of Low Porosity Fireclay Bricks With Excellent Refractoriness For Industrial Kilns And Furnaces:

**Minimal Porosity:** Results in enhanced thermal insulation and energy efficiency, reducing heat loss and operational costs.  
**High Thermal Resistance:** Capable of withstanding extreme temperatures and sudden thermal changes without degradation.  
**Structural Integrity:** Maintains strength and shape under intense conditions, ensuring consistent performance.  
**Applications:**

**Aluminum Industry:** Ideal for use in aluminum smelting furnaces, providing effective insulation and temperature control.  
**Mineral Processing:** Used in kilns and furnaces for processing minerals where high thermal stability is required.  
**Industrial Ovens:** Provides reliable performance in industrial ovens and other high-temperature processing equipment.

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#### Product Specification of Affordable Factory Price Low Porosity Fireclay Bricks

| Item                                              | Index |
|---------------------------------------------------|-------|
| Al <sub>2</sub> O <sub>3</sub> %                  | ≥45   |
| Fe <sub>2</sub> O <sub>3</sub> %                  | ≤1.3  |
| Bulk Density g/cm <sup>3</sup>                    | ≥2.3  |
| Apparent Porosity %                               | ≤16   |
| Cold Crushing Strength MPa                        | ≥65   |
| Creep rate % 1200 ×50h                            | ≤0.05 |
| Thermal shock resistance cycle 1100 water cooling | 10    |

#### Advantages of Rongsheng Factory Low Porosity Fireclay Bricks

Reduced Energy Consumption: Low thermal conductivity leads to significant savings in energy use and operational costs.  
 Extended Service Life: The bricks' durability ensures a long service life, reducing the frequency of replacements and maintenance.  
 High Efficiency: Ensures optimal performance and efficiency in high-temperature environments.

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