

Low Porosity Fireclay Bricks For Modern Industrial

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: 2000 tons/month



Product Specification

- Highlight: **Modern Industrial Fireclay Bricks, Industrial Fireclay Bricks**

Our Product Introduction

Product Description

Introduction:

Low porosity fireclay bricks are essential in modern industrial applications where efficiency and reliability are critical. Their advanced properties make them suitable for a variety of high-temperature environments, ensuring optimal performance and durability.

Product Features:

Low Porosity: Enhances thermal insulation, reduces heat loss, and improves energy efficiency.

Thermal Shock Resistance: Withstands rapid temperature changes and harsh conditions, maintaining performance over time.

Mechanical Strength: Offers high compressive strength and durability, essential for industrial applications.



Applications:

High-Temperature Kilns: Used in kilns for ceramics, glass, and other materials where consistent temperature control is needed.
Furnaces and Boilers: Ideal for use in industrial furnaces and boilers, providing reliable thermal management and energy savings.

Reactor Linings: Suitable for lining chemical reactors where high thermal stability and chemical resistance are required.
Advantages:

Enhanced Performance: Superior insulation and thermal shock resistance lead to better overall performance in high-temperature processes.

Cost Efficiency: Reduced energy consumption and extended service life offer significant cost savings and improved ROI.

Versatility: Applicable across various industries and processes, making them a versatile choice for different applications.

Product Specification of Low Porosity Fireclay Bricks

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



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