

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_2O_3 % | ≥ 45 |
| Fe_2O_3 % | ≤ 1.3 |
| Bulk Density g/cm^3 | ≥ 2.3 |
| Apparent Porosity % | ≤ 16 |
| Cold Crushing Strength MPa | ≥ 65 |
| Creep rate % 1200 x50h | ≤ 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.

Contact Information:

Tel/Whatsapp: +86-18538509097
 Email: Jackyhan2023@outlook.com



Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd



+86-18538509097



Jackyhan2023@outlook.com



bricksrefractory.com

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China