

Energy-Efficient Pyrophyllite Brick For High-Temperature Insulation With High Thermal Performance And Enhanced Longevity

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: 200-800 USD
- 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: 2000 tons/month



Product Specification

- Highlight: Enhanced Longevity Pyrophyllite Brick, High Thermal Performance Pyrophyllite Brick, High Temperature Insulation Pyrophyllite Brick

Our Product Introduction

Product Description

Product Overview of Energy-Efficient Pyrophyllite Brick For High-Temperature Insulation With High Thermal Performance And Enhanced Longevity

Designed for energy efficiency, our Pyrophyllite Bricks Furnace Refractory Bricks are the ideal choice for high-temperature insulation in various industrial applications. These bricks are crafted from premium pyrophyllite, offering low thermal conductivity and excellent thermal stability. By reducing heat loss and improving energy efficiency, Pyrophyllite Bricks help you achieve cost-effective and environmentally friendly operations.



Key Features:

High Thermal Resistance: Withstand temperatures up to 1350°C, ensuring durability and reliability in high-temperature environments.

Excellent Insulation Properties: Low thermal conductivity reduces heat loss, enhancing energy efficiency and reducing operational costs.

Lightweight and Durable: Despite their lightweight nature, Pyrophyllite Bricks offer excellent mechanical strength and longevity.

Sustainable: Made from natural pyrophyllite, these bricks are environmentally friendly and contribute to sustainable industrial practices.

Applications:

Energy-Efficient Furnaces: Used for insulation in industrial furnaces to minimize heat loss and improve energy efficiency.

Ceramic and Pottery Kilns: Ideal for use in kilns, ensuring consistent and efficient thermal insulation.

Chemical Processing: Suitable for lining reactors and other high-temperature chemical processing equipment.

Power Generation: Used in boilers and other high-temperature equipment in power plants to ensure efficient thermal insulation.

Product Specification of Pyrophyllite Bricks Furnace Refractory Bricks For High-Temperature Insulation

Property		Unit
Density		g/cc
Apparent Porosity		%
Cold Crushing Strength		MPa
Flexural Strength		MPa
Refractoriness Under Load	At 0.2MPa (t0.5)	
Thermal Expansion	at 1000	%
	at 1400	
Thermal Conductivity	at 400	W/MK
	1000	
Permanent Linear Change	at 1300 /2h	%
SiO ₂		wt %
Al ₂ O ₃		wt %
Fe ₂ O ₃		wt %
TiO ₂		wt %
Alkalis (Na ₂ O+K ₂ O)		wt %

Why Choose Us:

Competitive Pricing: We offer high-quality Pyrophyllite Bricks Furnace Refractory Bricks at competitive prices, providing excellent value for your investment.

Reliable Supply Chain: Our efficient supply chain ensures timely delivery and consistent product quality.

Technical Expertise: Our experienced technical team provides expert guidance and support, ensuring optimal product performance.

Customer-Centric Approach: We prioritize customer satisfaction, offering customized solutions and comprehensive support to meet your specific needs.



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