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Durable Pyrophyllite Bricks For High-Temperature Processes Ensuring High Thermal Efficiency And Long-Lasting Durability

Basic Information

Place of Origin: Zhengzhou, ChinaBrand 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

bandages 20-30 Days

Payment Terms: TT; L/CSupply Ability: 2000 tons/month



Product Specification

Delivery Time:

Highlight: Long Lasting Pyrophyllite Bricks,

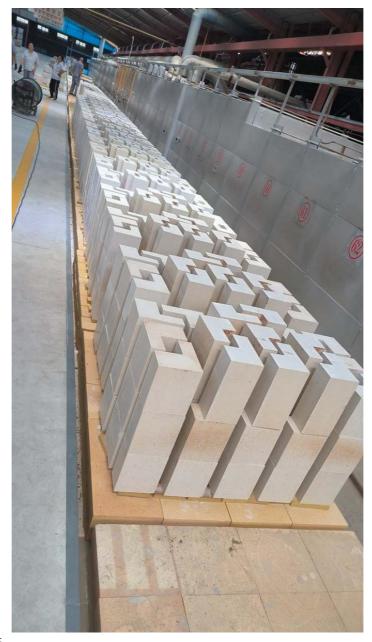
Durable Pyrophyllite Bricks

Durable Pyrophyllite Bricks, High Temperature Pyrophyllite Bricks

Product Description

Product Overview of Durable Pyrophyllite Bricks For High-Temperature Processes Ensuring High Thermal Efficiency And Long-Lasting Durability

Our Pyrophyllite Bricks Furnace Refractory Bricks are designed for durability and high performance in high-temperature processes. These bricks are made from high-purity pyrophyllite, known for its excellent thermal stability, low thermal expansion, and resistance to chemical attack. Ideal for various industrial applications, Pyrophyllite Bricks ensure reliable and efficient operation of your high-temperature equipment.



Key Features:

Exceptional Thermal Stability: Pyrophyllite Bricks Furnace Refractory Bricks can withstand high temperatures, ensuring stability and reliability in demanding environments.

Low Thermal Expansion: These bricks exhibit minimal thermal expansion, reducing the risk of cracking and ensuring

Chemical Resistance: Pyrophyllite Bricks resist corrosion and degradation from chemicals, ensuring long-lasting

performance. **High Mechanical Strength**: These bricks offer robust mechanical strength, withstanding wear and tear in harsh industrial

Applications:

Metallurgical Furnaces: Used in the lining of blast furnaces, converters, and ladles in steelmaking and non-ferrous metal production.

Cement Kilns: Ideal for high-temperature zones in cement rotary kilns, providing efficient thermal insulation and durability.

Glass Furnaces: Suitable for insulating and lining glass melting furnaces, ensuring stable thermal conditions.

Petrochemical Reactors: Perfect for lining high-temperature reactors and reformers in the petrochemical industry.

Product Specification of Pyrophyllite 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 | % |
| SiO2 | | wt % |
| Al2O3 | | wt % |
| Fe2O3 | | wt % |
| TiO2 | | wt % |
| | | |

Alkalis (Na2O+K2O) wt %

Why Choose Us:

Extensive Experience: With a strong focus on international trade, we ensure smooth transactions and reliable delivery to clients worldwide.

High-Quality Products: Our Pyrophyllite Bricks are manufactured to the highest standards, ensuring consistent quality and

performance.

Customized Solutions: We offer tailored product solutions to meet the unique requirements of your industry, ensuring optimal

Dedicated Customer Support: Our team provides comprehensive support, from product selection to installation and maintenance, ensuring your complete satisfaction.

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