

High Performance Boiler Refractory Neutral Ramming Mass With High Alumina For Induction Furnaces

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Quartz, Magnesite, Alumina Magnesite Spinel, Corundum, Mullite, Magnesite Alumina Spinel
- Minimum Order Quantity: 1 Ton
- Price: 0.0985-\$0.2757 USD
- Packaging Details: Packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



Product Specification

- Highlight: **Boiler Refractory Neutral Ramming Mass, High Alumina Refractory Neutral Ramming Mass**



More Images



Product Description

High-Performance Boiler Refractory Neutral Ramming Mass With High Alumina For Induction Furnaces

Product Specification of High-Performance Boiler Refractory Neutral Ramming Mass With High Alumina For Induction Furnaces

Rongsheng Refractory Ramming Mass is a premium-grade, granule or powder material formulated from top-quality refractory raw materials. Engineered for maximum performance and durability in high-temperature settings, this ramming mass features a carefully balanced composition, long shelf life, and superior binding properties, providing stability and longevity in challenging environments. It is safe, free from harmful substances, and packaged securely to preserve quality.

Each 25kg bag is carefully double-layered in waterproof kraft bags, with an extra ton bag added for enhanced protection. For bulk orders, we offer packaging on fumigated pallets, customized to meet customer needs.

Our Product Introduction



Rongsheng Refractory Ramming masses can be classified into acidic, neutral, and basic types based on their chemical composition and their reaction with slags. Here's a breakdown of each type:

Acidic Ramming Mass

After sintering in the first heat of kiln baking, the conversion rate of α -phosphor quartz is high, and the time of kiln baking is short. In addition, it has excellent volume stability, thermal shock resistance and high strength at high temperature.

Neutral Ramming Mass

Neutral dry ramming mass has the characteristics of easy construction, hardening at room temperature, high strength at high temperature, low thermal expansion and shrinkage, and strong resistance to solution erosion.

Alkaline Ramming Mass

Alkaline dry ramming mass has the advantages of good volume stability at high temperature, erosion resistance, abrasion resistance, good thermal shock resistance, and high refractoriness under load.

The Features of Refractory Ramming Mass:

- High Thermal Resistance: Withstands extreme temperatures.
- Erosion & Abrasion Resistant: Durable under intense conditions.
- Chemical Stability: Resistant to slags and corrosion.
- High Density & Strength: Provides structural integrity.
- Easy Installation: Simple application without pre-sintering.
- Customizable Formulations: Tailored for specific applications.
- Long Service Life: Reduces maintenance frequency.
- Eco-Friendly: Low emissions and minimal hazardous by-products.

Ramming Mass Application

Ramming Mass is mainly used for furnace lining of boiler, blast furnace, hot blast stove, heating furnace, ceramic kiln and various industrial furnaces.

Product Parameters

| Material | MgO | Al ₂ O ₃ | CaO | SiO ₂ | Bulk Density | Particle Size | Max Working Te |
|-------------------------|-------|--------------------------------|-----|------------------|--------------|---------------|----------------|
| Quartz | — | — | — | 98 | 1.9~2.2 | 0~6 | 1650 |
| Magnesia | ≥96 | 1.5 | — | 2 | 2.85~2.9 | 0~10 | 1800 |
| Alumina Magnesia Spinel | 11~32 | 65~88 | 1 | 1 | 2.95~3.15 | 0~6 | 1800 |
| Corundum | — | 90 | — | — | 2.95~3.15 | 0~6 | 1800 |
| Mullite | — | 80 | — | 16 | 2.6 | 0~6 | 1400 |
| Magnesia Alumina Spinel | 75 | 22 | — | — | 3.05 | 0~6 | 1800 |



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