

High-Performance Best Price Alumina-Magnesia Refractory Castable For Industrial Kiln And Furnace

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: 20-30 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



Product Specification

- Highlight: Industrial Kiln Refractory Castable, High Performance Refractory Castable, Alumina Magnesia Refractory Castable

Our Product Introduction

Product Description

Product Description of High-Performance Best Price Alumina-Magnesia Refractory Castable For Industrial Kiln And Furnace

Our High-Performance Alumina-Magnesia Refractory Castable is engineered to meet the rigorous demands of high-temperature applications in industries such as steel, cement, and non-ferrous metals. This advanced material combines the exceptional properties of alumina and magnesia to deliver outstanding performance, durability, and reliability.

**Key Features of Rongsheng Refractory Best Price Alumina-Magnesia Refractory Castable**

Superior Thermal Stability: The refractory castable offers excellent resistance to high temperatures, maintaining structural integrity and performance even in extreme thermal conditions.

Enhanced Corrosion Resistance: The alumina-magnesia composition provides strong resistance against corrosive environments, ensuring a longer service life in furnaces and kilns.

High Mechanical Strength: This castable features high mechanical strength, enabling it to withstand mechanical stress, abrasion, and impact, making it ideal for heavy-duty industrial applications.

Easy Installation and Application: Designed for user convenience, this refractory castable is easy to install and can be applied using standard casting techniques, reducing downtime and labor costs.

Applications of Alumina-Magnesia Refractory Castable For Industrial Kiln And Furnace

Our Alumina-Magnesia Refractory Castable is suitable for a wide range of high-temperature applications, including but not limited to:

Steelmaking Furnaces: Ideal for lining various zones in steelmaking furnaces, including ladles, converters, and electric arc furnaces, where high temperature and slag resistance are critical.

Cement Kilns: Provides superior protection for kiln linings, clinker coolers, and preheaters, offering longevity and resistance to thermal shock and chemical attack.

Non-Ferrous Metal Smelters: Effective in lining furnaces used in the processing of non-ferrous metals, providing enhanced corrosion resistance and thermal stability.

Advantages of Rongsheng Alumina-Magnesia Refractory Castable

1. **Longevity and Durability:** The unique formulation ensures long-lasting performance, reducing the frequency of repairs and replacements, thus lowering maintenance costs.

2. **Energy Efficiency:** The castable's excellent insulating properties help in reducing heat loss, contributing to significant energy savings in industrial operations.

3. **Versatile Use:** Suitable for a wide range of industries, this refractory castable offers flexibility and adaptability to meet specific operational needs.

Technical Specifications of Alumina-Magnesia Refractory Castable

Item		RSPB-90	RSPB-80		RS
Al ₂ O ₃ +Mgo	%	90	80		
Al ₂ O ₃	%	80	70		
Bulk Density (g/cm ³)	110 *24h	2.95	2.65		
Cold Crushing Strength(Mpa)	110 *24h	30	25		
	1600 *3h	50	-		
Modules of rupture(Mpa)	110 *24h	5	0.5		
	1600 *3h	10	-		
Permanent linear change	1600 *3h	+1.0	+1.2		-
Application	Wall and bottom impact prefabricated block		Wall and bottom repair		Ladi

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