

High Performance Refractory Castable Refractory Cement Alumina Castable Refractory

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Clay, High Alumina, Corundum
- 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: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



Product Specification

- Application: Cement Kiln, Furnace, etc.
- Bulk Density: 2.0-2.2 G/cm³
- Chemical Composition: Al₂O₃, SiO₂, Fe₂O₃, etc.
- Cold Crushing Strength: ≥50 MPa
- Corrosion Resistance: Good
- Linear Change: ≤0.2%
- Material: Alumina, Silica, Fireclay, etc.
- Physical Form: Powder
- Porosity: ≤20%
- Product Name: Refractory Castable
- Refractoriness: ≥1700
- Refractoriness Under Load: ≥1400
- Slag Resistance: Good
- Thermal Conductivity: ≤2.0 W/m.K
- Thermal Shock Resistance: Good



More Images



Product Description

Description of Factory Price High Performance Refractory Castable Refractory Cement For Sale

Our Premium Refractory Castable is meticulously formulated using top-notch raw materials and cutting-edge production methods. This unique refractory castable is an intricately balanced mixture of aggregates, binders, and additives, engineered to endure severe temperatures and challenging operational environments. Our advanced manufacturing facilities guarantee uniform excellence, delivering a dependable and versatile refractory option tailored to your needs.

Our Product Introduction



Main Features of Refractory Castable:

Versatile Application: Our refractory castable offers remarkable versatility, suitable for various industries and a wide range of applications, including boilers, furnaces, incinerators, and more.

Exceptional Heat Resistance: With an impressive ability to withstand high temperatures, this castable refractory ensures prolonged stability and reliable performance even in the most demanding thermal environments.

Excellent Erosion and Abrasion Resistance: The castable's robust composition enables it to endure aggressive chemical environments, reducing erosion and increasing service life.

Rapid Installation and Setting: Easy to install, our refractory castable boasts fast setting times, reducing downtime and improving operational efficiency.

Customizable Consistency: Depending on the application, the castable can be tailored to achieve specific densities and strengths, ensuring optimized performance in your unique requirements.

Applications of Refractory Castable:

Boiler Lining: Our refractory castable provides an efficient lining for industrial boilers, ensuring excellent heat retention and prolonged boiler life.

Furnace Lining: Ideal for lining various types of furnaces, this castable refractory delivers superior heat resistance and corrosion protection.

Kiln and Incinerator Linings: From rotary kilns to waste incinerators, this castable offers durable linings capable of withstanding extreme temperatures and chemical exposure.

Foundries: Used in ladles and troughs, the refractory castable maintains stability under the rigorous conditions of molten metal handling.

Petrochemical Industry: It is a reliable choice for lining cracking units, reformer furnaces, and other high-temperature applications in petrochemical plants.

Power Plants: Our castable refractory ensures efficient linings for chimneys, flues, and other components in power generation facilities.

Parameters of Refractory Castable

Item		Index		
		Clay	High Alumina	Co
Al ₂ O ₃ %		≥45	≥75	
CaO %		1.8	1.5	
Bulk density g/cm ³	110 ×24h	≥2.3	≥2.6	
	1350 ×3h	≥2.26	≥2.61	
	1550 ×3h	/	/	
Cold Crushing Strength MPa	110 ×24h	≥70	≥75	
	1350 ×3h	≥85	≥90	
	1550 ×3h	/	/	
Flexural Strength MPa	110 ×24h	≥6	≥8	
	1350 ×3h	≥8	≥9	
	1550 ×3h	/	/	
Permanent linear change Rate %	1000 ×3h	-0.3	-0.2	
	1350 ×3h	±0.3	±0.5	
	1550 ×3h	/	/	
Maximum service temperature		1450	1600	



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