

Heating Furnace Refractory Castable Material With Heat Protection

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RSDJ-50, RSDJ-60, RSDJ-70, RSQJ-1, RSQJ-2
- 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: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



Product Specification

- Abrasion Resistance: $\leq 8 \text{ Cm}^3$
- Apparent Porosity: ≤ 22
- Cao: 0.35
- Compressive Strength: 20 Mpa
- Feature: High Temperature Resistant
- Final Setting: 8 HourS
- Flexural Strength: $1d \geq 6.0 \text{ MPa}$
- Made: Henan
- Mgo: 0.8-1.2
- Origin: Xinmi
- Permanent Linear Change: ± 0.4
- Product: High Alumina Castable
- Raw Material: High Alumina Bauxite, cement, castable
- Raw Materials: Bauxite Particle
- Transport Package: 25kg/bag



More Images



Product Description

Product Description of Heating Furnace Used High Quality Refractory Castable Material With Heat Protection

As a pioneer in the realm of refractory solutions, our company takes pride in offering a cutting-edge Refractory Castable Material specifically tailored for Heating Furnaces. Engineered with precision and finesse, our castable material epitomizes durability, resilience, and superior thermal performance. Designed to withstand the most extreme temperatures and harsh operating conditions, it serves as the backbone of efficient and reliable heating furnace systems across various industrial sectors.

What sets our Refractory Castable Material apart is its unrivaled composition, meticulously formulated to deliver unparalleled thermal insulation and mechanical strength. Through a judicious blend of high-quality aggregates, binders, and additives, we have achieved a perfect synergy of heat resistance, thermal conductivity, and structural integrity. This translates into optimized energy efficiency, minimized heat loss, and prolonged service life for your heating furnace, ensuring uninterrupted operations and cost-effective productivity.

The versatility of our castable material is another hallmark of its excellence. Whether your heating furnace operates in the

Our Product Intro

rigorous conditions of metal smelting, the exacting demands of ceramic production, or the stringent requirements of chemical processing, our refractory solution rises to the challenge with unwavering performance. Its adaptability and ease of application make it the material of choice for engineers and operators seeking reliable, long-lasting solutions for their thermal management needs.



Beyond its technical prowess, our Refractory Castable Material represents a commitment to innovation and sustainability. By incorporating environmentally friendly components and manufacturing processes, we ensure that our product not only meets but exceeds regulatory standards for safety and emissions. Furthermore, its low maintenance requirements and extended service life contribute to reduced downtime and operational costs, making it a smart and responsible choice for conscientious businesses.

In a competitive landscape where reliability, efficiency, and sustainability are paramount, our Refractory Castable Material emerges as a beacon of excellence. Backed by our unwavering dedication to quality and customer satisfaction, it stands as a testament to our leadership in the refractory industry. Whether you are upgrading an existing heating furnace or embarking on a new project, trust in our castable material to deliver unmatched performance, longevity, and value, ensuring your operations remain at the forefront of success.

Product Specification of Refractory Castable for Heating Furnace

| Item | | Low Cement Castable | | | Lightweight Ce |
|---|-----------|---------------------|-----------|-----------|------------------|
| | | RSDJ-60 | RSDJ-70 | RSDJ-50 | RSQJ-1 |
| Al ₂ O ₃ (%) ≥ | | 60 | 70 | 50 | 40 |
| CaO (%) ≤ | | / | / | / | 20 |
| 110 Dry Bulk Density (g/cm ³) ≥ | | 2.5 | 2.6 | 2.3 | 0.9 |
| Cold Crushing Strength (MPa) ≥ | 110 * 24h | 30 | 40 | 15 | 2.5 |
| | 1100 * 3h | 40 | 50 | 30 | 1.5 |
| | 1400 * 3h | 60 | 70 | 1350 * 3h | / |
| | | | | 60 | |
| Modules of Rupture (MPa) ≥ | 110 * 24h | 7 | 8 | 9 | 0.8 |
| | 1100 * 3h | 8 | 9 | 6 | 0.5 |
| | 1400 * 3h | 10 | 12 | 1350 * 3h | / |
| | | | | 12 | |
| Permanent Linear Change (%) | | 1400 * 3h | 1500 * 3h | 1350 * 3h | 110 * 24h 0~-0.2 |
| | | ±0.5 | ±1.0 | ±0.5 | 1000 * 3h 0~-1.5 |
| Thermal Conductivity (W/m·k) ≤ | 600 | / | / | / | 0.25 |
| | 1000 | / | / | / | 0.38 |

Looking for High Quality Refractory Castable Material? Just Contact Us And Leave Your Requirement Now! We Will Reply You In 12 Hours!



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