

## High Temperature Refractory Ramming Mass Magnesium Calcium Iron Dry Ramming Mass

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: MGT-1, MGT-2, MGT-3, MGT-4
- 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

- Abrasion Resistance: Excellent
- Application: Steel, Cement, Glass, Etc.
- Bulk Density: 2.0-2.3 G/cm3
- Chemical Resistance: Excellent
- Color: White, Grey, Brown, Etc.
- Compressive Strength: >50MPa
- Linear Change On Heating: <0.2%
- Material: Alumina, Silica, Magnesias, Etc.
- Packaging: 25KG/Bag, 1MT/Big Bag
- Porosity: <20%
- Product Name: Refractory Ramming Mass
- Refractoriness: >1700
- Size: 0-3mm, 3-6mm, 6-12mm, Etc.
- Thermal Conductivity: <0.2W/m.K
- Thermal Shock Resistance: Excellent

### Product Description

#### Description of Magnesium Calcium Iron Dry Ramming Mass For High-temperature Industrial Applications

Magnesium Calcium Iron Dry Ramming Mass is a refractory lining material used in various high-temperature industrial applications, particularly in the steelmaking industry. It is designed to withstand the extreme conditions found in the linings of furnaces, ladles, and other high-temperature vessels.

Magnesium Calcium Iron Dry Ramming Mass is used to line the interior of furnaces, ladles, and other high-temperature vessels in industries like steelmaking. Its purpose is to create a robust, heat-resistant barrier that protects the structural integrity of the equipment and helps maintain high operational efficiency under extreme conditions.

It's worth noting that the specific formulation and composition of ramming mass can vary depending on the intended application, the type of furnace or vessel being lined, and other factors. Manufacturers often develop customized blends to meet the unique requirements of their clients.

#### Parameters of Magnesium Calcium Iron Dry Ramming Mass For High-temperature Industrial Applications

Our Product Introduction

| Item                          |          | Index                        |                              |                              |          |
|-------------------------------|----------|------------------------------|------------------------------|------------------------------|----------|
|                               |          | MGT-1                        | MGT-2                        | MGT-3                        |          |
| MgO %                         |          | ≥78                          | ≥81                          | ≥82                          |          |
| CaO %                         |          | 12~15                        | 6~9                          | 8~11                         |          |
| Fe2O3 %                       |          | 4~5                          | 5~9                          | 3~5                          |          |
| SiO2 %                        |          | ≤1.3                         | ≤1.5                         | ≤1.1                         |          |
| Al2O3 %                       |          | ≤0.6                         | ≤0.6                         | ≤0.6                         |          |
| Grain size composition mm     |          | 0~6                          | 0~6                          | 0~6                          |          |
| Bonding Method                |          | Ceramic Bonded               | Ceramic Bonded               | Ceramic Bonded               | Ce       |
| Fired Cold Crush Strength MPa | 1300 ×3h | ≥10                          | ≥10                          | ≥8                           |          |
|                               | 1600 ×3h | ≥30                          | ≥30                          | ≥30                          |          |
| Permanent Linear Change%      | 1300 ×3h | -0.2~-0.5                    | -0.2~-0.5                    | -0.2~-0.5                    |          |
|                               | 1600 ×3h | -1.5~-2.5                    | -2.0~-3.0                    | -0.1~-0.2                    |          |
| Particle bulk density,g/cm3   |          | ≥3.25                        | ≥3.25                        | ≥3.25                        |          |
| Usage                         |          | Electric steelmaking furnace | Electric steelmaking furnace | Electric steelmaking furnace | Ferroall |



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