

# ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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## Magnesium Castable for Tundish



### 1,Description of Magnesium Castable for Tundish:

Magnesium Castable for Tundish is used for the bottom of tundish, wall location, compact structure, ceramic bonding, impact resistance, erosion resistance. The main raw material of the product is high quality fused magnesia.

### 2,Index of Magnesium Castable for Tundish:

| Item                           |          | Magnesian |        | Magnesian-calcium |         |
|--------------------------------|----------|-----------|--------|-------------------|---------|
| Model                          |          | JMG-85    | JMG-90 | JMGC-70           | JMGC-60 |
| Chemical composition%          | MgO      | ≥85       | ≥90    | ≥70               | ≥60     |
|                                | CaO      | ----      | ----   | ≥15               | ≥25     |
| Bulk density g/cm <sup>3</sup> | 200℃*8h  | ≥2.2      | ≥2.4   | ≥2                | ≥2      |
|                                | 1500℃*3h | ≥2.3      | ≥2.5   | ≥2.1              | ≥2.1    |
| Crushing strength MPa          | 200℃*8h  | ≥12.0     | ≥12.0  | ≥15.0             | ≥15.0   |
|                                | 1500℃*3h | ≥12.0     | ≥13.0  | ≥12.0             | ≥12.0   |

### 3,Characteristics of Magnesium Castable for Tundish:

1)In the process of using the product, the main mineral facies is periclase, which effectively resists the erosion of alkaline slag.

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2)The products are packed in waterproof plastic woven bags, which are moisture-proof and waterproof during storage.

#### **4,Product knowledge:**

As a dry castable for Tundish Working layer, it should have the following properties.

- 1)It does not pollute the molten steel,and can even purify the molten steel.
- 2)It has strong corrosion resistance and erosion resistance to molten slag and molten steel.
- 3)Extend the continuous casting time of tundish as much as possible and it is easy to disintegrate after use
- 4)Convenient construction

#### **5,Product construction:**

Magnesium dry material in tundish is constructed by vibration forming and heating solidification. The products are made of organic and inorganic composite binders, and the organic binders will decompose at a certain temperature and lose their binding effect,Therefore, the environmental temperature during construction is required to be less than 60°C.The thickness of the product during construction is 50-60 mm at the bottom and 100-120 mm at the impact zone.

6.Good feedback of product use effect,the products have been exported to Pakistan, Russia, Australia

7.We are a professional supplier, who can provide customers with free product technology, use and other issues.

**Do you want to find a professional supplier of refractory products?**

**Do you want to find a professional supplier of graphite electrodes?**

**Do you want to find a stable and credible supplier?**

**Then let's contact with jinggan company**

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