

## JM23 JM26 Mullite Insulation Brick JM28 JM30 Insulating Firebrick

Our Product Introduction

for more products please visit us on [bricksrefractory.com](http://bricksrefractory.com)

## Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: JM23, JM26, JM26, JM27, JM28, JM30, JM32
- 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: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



## Product Specification

- Color: Red
- Compressive Strength: 10MPa
- Fire Resistance: Yes
- Flexural Strength: 2.5MPa
- Heat Preservation: Excellent
- Material: Clay
- Shape: Brick
- Size: Standard
- Sound Insulation: Good
- Thermal Conductivity: 0.14W/m.K
- Thermal Shock Resistance: Yes
- Thickness: 50mm
- Water Absorption: 10%
- Weight: 2.5kg
- Highlight: JM26 Mullite Insulation Brick,



## More Images



## Product Description

**Rongsheng Factory Supply Mullite Insulation Brick JM23 JM26 JM28 JM30 Insulating Firebrick**  
**Description of Mullite Insulation Brick JM23 JM26 JM28 JM30**

Mullite insulating bricks JM-23, JM-26, JM-28, JM-30 are a type of lightweight refractory material used for insulation. They can directly contact flames, have low thermal conductivity, low thermal melting, low impurity content, and excellent refractoriness. These bricks exhibit properties such as high temperature resistance, good thermal shock stability, and low thermal conductivity.

Our Product Introduction



#### Feature of Mullite Insulating Brick:

It has the advantages of high porosity, small bulk density, good insulation effect, and long service life. With high refractoriness, mullite insulation bricks can be directly exposed to flames. They have the characteristics of light weight, high strength, low thermal conductivity, good thermal shock resistance. For various industrial kilns, it is an important energy-saving, insulation, and refractory material.

1. Good integrity with furnace lining, long service life, easy operation, could be shaped freely
2. Product specification: standard form, normal standard, shaped and special shaped bricks.
3. Can be used in various kilns because of its cheapness and general tray package. Among all of the refractory materials, it is the most widely used.

#### Application of Mullite Insulation Brick JM23 JM26 JM28 JM30

JM-23 JM-26 JM-28 JM-30 sintered mullite insulating refractory fire brick light weight mullite bricks is mainly used for lining of blast furnace, hot blast furnace, electric furnace roof, reverberatory furnace and rotary kiln. In addition, high alumina bricks also widely used as open hearth regenerative lattice brick, pouring system with plug, such as nozzle brick.



**Steel industry**



**Cement industry**



**Chemical Industry**



**Power generation industry**



**Coal industry**

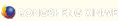


**Metallurgical industry**

#### Product specification of JM23 JM26 JM28 JM30 Mullite Insulation Brick

| Item   | Index     |           |           |       |
|--|-----------|-----------|-----------|-------|
|  | JM23      | JM25      | JM26      |       |
| Al <sub>2</sub> O <sub>3</sub> %                   | ≥40       | ≥50       | ≥55       |       |
| Fe <sub>2</sub> O <sub>3</sub> %                   | ≤1.0      | ≤1.0      | ≤0.9      |       |
| Apparent porosity %                                | ≤0.55     | ≤0.80     | ≤0.85     |       |
| Cold Crush Strength MPa                            | ≥1.0      | ≥1.5      | ≥2.0      |       |
| Permanent Linear Change Rate %                     | 1230 ×12h | 1350 ×12h | 1400 ×12h |       |
|  | -1.5~0.5  |           |           |       |
| Thermal Conductivity<br>W/(m·K)                    | 200±25    | ≤0.18     | ≤0.26     | ≤0.28 |
|  | 350±25    | ≤0.20     | ≤0.28     | ≤0.30 |
|  | 600±25    | ≤0.22     | ≤0.30     | ≤0.33 |
| 0.05MPa Refractoriness Under Load T <sub>0.5</sub> | ≥1080     | ≥1200     | ≥1250     |       |

| Item   |        | Index     |           |  |     |
|--|--------|-----------|-----------|--|-----|
|  |        | JM28      | JM30      |  |     |
| Al <sub>2</sub> O <sub>3</sub> %                   |        | ≥65       | ≥70       |  |     |
| Fe <sub>2</sub> O <sub>3</sub> %                   |        | ≤0.7      | ≤0.6      |  |     |
| Apparent porosity %                                |        | ≤0.95     | ≤1.05     |  |     |
| Cold Crush Strength MPa                            |        | ≥2.5      | ≥3.0      |  |     |
| Permanent Linear Change Rate %                     |        | 1510 ×12h | 1620 ×12h |  | 170 |
|  |        | -1.5~0.5  |           |  |     |
| Thermal Conductivity W/(m·K)                       | 200±25 | ≤0.35     | ≤0.42     |  |     |
|  | 350±25 | ≤0.37     | ≤0.44     |  |     |
|  | 600±25 | ≤0.39     | ≤0.46     |  |     |
| 0.05MPa Refractoriness Under Load T <sub>0.5</sub> |        | ≥1360     | ≥1470     |  |     |



Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd



+86-18538509097



Jackyhan2023@outlook.com



bricksrefractory.com

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China