

Mullite Insulation Brick JM23 JM26 JM28 Insulating Refractory Brick

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: JM23 JM26 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: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



Product Specification

- Alkali Resistance: High
- Application: High Temperature Furnace Lining
- Color: White
- Compressive Strength: ≥ 1.5 MPa
- Fireproof Performance: Excellent
- Flexural Strength: 0.2-0.3Mpa
- Material: Ceramic
- Moisture Resistance: High
- Porosity: $\leq 22\%$
- Shape: Rectangular
- Size: 230x114x65mm
- Thermal Conductivity: ≤ 0.4 W/(m·K)
- Thermal Resistance: High
- Thermal Shock Resistance: ≥ 3 Times
- Thickness: 30-200mm



More Images



Product Description

Factory Direct Price Rongsheng Mullite Insulation Brick JM23 JM26 JM28 Insulating Refractory Brick

Mullite insulation brick is a high-alumina refractory material with mullite as the main crystal phase. Generally, the alumina content is between 40% and 70%. The working temperature ranges from 1300°C to 1600°C. The advantage of mullite lightweight insulating refractory brick is that the mullite bricks can be exposed to flames and can be directly used as the lining of high-temperature kilns. Mullite lightweight insulation brick is a refractory insulation material widely used in new industrial kilns and high-temperature equipment.

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Features of JM23 JM26 JM28 Mullite Insulating Firebrick

- Low thermal conductivity
- High strength and corrosion resistance
- Low heat capacity
- Low impurity content
- High temperature resistance
- Good insulation performance
- Good thermal shock resistance
- Lower bulk density



Product Application of Mullite insulation brick

Mainly used for hot blast furnace top, blast furnace stack and bottom, glass furnace regenerator, ceramic sintering kiln, dead corner lining of petroleum cracking system, ethylene pyrolysis furnaces, tubular furnaces, reforming furnaces of synthetic ammonia, gas generators, linings or heat-insulating materials of the industries, etc.

1. Furnaces of metallurgy industry, heat treatment furnace
2. Furnaces of chemical industry and construction industry.
3. Furnace of incineration of garbage, recirculating fluidized bed furnace

Product Specification of JM23 JM26 JM28 Mullite Insulating Fire Brick Thermal Insulation Brick

The size of the mullite insulation brick is 230*114*65mm. Other sizes can be customized according to drawings.

Item Brand		JM23	JM26	JM28
Max Temperature (C)		1260	1460	1540
Bulk Density (g/cm ³)		0.55-0.60	0.8	0.89
Cold Crushing Strength (Mpa)		1.2	1.6	2.1
Modulus of Rupture (Mpa)		0.9	1.4	1.6
Reheating Linear Change (%)		1230 °C	1400 °C	1510 °C
CT -30 °C X 8H		-0.5	-0.5	-0.5
Thermal Expansion				
1100 °C (%)		0.5	0.7	0.8
Thermal conductivity (W/m.k)	400 °C	0.14	0.27	0.32
	600 °C	0.16	0.29	0.34
	800 °C	0.18	0.31	0.36
	1000 °C	0.20	0.33	0.38
Al ₂ O ₃ %		37	50	64
Fe ₂ O ₃ %		1.0	1.0	1.0



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