

JM23 JM26 Mullite Bricks JM28 JM30 JM32 Light Weight Mullite Insulating Fire Brick

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: JM23 JM26 JM28 JM30 JM32
- Minimum Order Quantity: 25 TONS
- 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

- Application: Industrial Furnace
- Color: White
- Compressive Strength: 2.0-3.0Mpa
- Density: 0.9-1.2g/cm3
- Fireproof Performance: Excellent
- Flexural Strength: 0.2-0.3Mpa
- Heat Preservation: Excellent
- Material: Ceramic
- Moisture Absorption: ≤1.0%
- Shape: Brick
- Size: Customized
- Thermal Conductivity: 0.05-0.2W/m.K
- Thermal Shock Resistance: Good
- Thickness: 30-200mm
- Highlight: JM26 Mullite Bricks, Mullite Bricks JM28,

Our Product Introduction

Product Description

Rongsheng JM23 JM26 JM28 JM30 JM32 Light Weight Mullite Insulation Firebrick

Description of High Performance Mullite Insulation Brick

Mullite Insulation Brick is a kind of quality refractory insulation materials for resisting high temperature with features of light weight, low thermal conductivity, thermal insulation and high compression strength in the high temperature furnaces or kilns. Mullite Insulation Bricks are mainly used for the top of hot blast stove, stack and bottom of blast furnace, regenerative chamber of glass melting furnace, lining of ceramic high temperature furnace and so on.

Technical Parameter of Mullite Insulation Brick:

Item	Index			
	JM23	JM25	JM26	J

Al ₂ O ₃ %	≥40	≥50	≥55		
Fe ₂ O ₃ %	≤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		145
	-1.5~0.5				
Thermal Conductivity 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 T0.5	≥1080	≥1200	≥1250		≥

Item		Index		
		JM28	JM30	
Al ₂ O ₃ %		≥65	≥70	
Fe ₂ O ₃ %		≤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	
		-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 T0.5		≥1360	≥1470	



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