

55%-75% Alumina Magnesite Refractory Bricks Magnesia Carbon Bricks Electric Arc Furnaces

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: LMT55, LMT60, LMT65, LMT70, LMT75
- 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

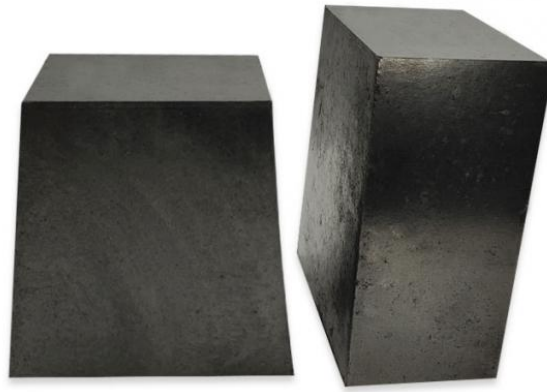
- Abrasion Resistance: High
- Chemical Resistance: High
- Color: Gray
- Compressive Strength: High
- Density: High
- Flexural Strength: High
- Material: Magnesite
- Refractoriness: High
- Service Temperature: High
- Shape: Bricks
- Size: Standard
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: High
- Type: Refractory

Product Description

Description of Alumina Magnesia Carbon Bricks With 55%-75% Alumina Content Are Used in Electric Arc Furnaces And Converters

The magnesia-carbon bricks produced by our company use high-purity, high-density fused magnesia, large crystal magnesia, and high-purity flake graphite as the main raw materials, add an appropriate amount of antioxidants, and use phenolic resin as a binder. to make. The series of alumina-magnesia-carbon bricks produced are mainly made of corundum, super-high alumina bauxite, fused magnesia and high-purity flake graphite, with phenolic resin as a binder, and are produced by high-pressure forming and low-temperature baking processes. It has good thermal strength and slag resistance, and is suitable for the wall and bottom of small and medium ladles.

Our Product Introduction

**Features of Magnesia Carbon brick**

- Excellent slag resistance
- High strength and erosion resistance
- Excellent thermal shock stability
- long service life
- High temperature resistance

Application of Magnesia carbon brick:

Magnesia-carbon bricks are mainly suitable for refining ladle or slag line of large ladle. Different grades of magnesia-carbon

bricks can be selected according to different smelting conditions and smelting steel grades.



Application industry



Iron and steel



Cement



Chemical



Electric power



Electricity



Metallurgy

Parameters of Magnesia Carbon Brick:

Item	Index			
	LMT75	LMT70	LMT65	LMT60
Al ₂ O ₃ %	≥75	≥70	≥65	≥60
Al ₂ O ₃ +MgO %	≥81	≥77	≥80	≥75
C %	≥5	≥5	≥7	≥7

Apparent porosity %	≤7	≤7	≤7	≤7
Bulk density g/cm ³	≥3.2	≥3.15	≥3.1	≥3.0
Cold Crushing Strength MPa	≥60	≥60	≥60	≥50



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