

## 50MPa Magnesia Carbon Brick Ladle Magnesium Carbon Fire Resistant Kiln Refractory Bricks

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: MT10A, MT12A, MT14A, MT16A, MT18A
- 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

- Features: High Refractoriness, Good Thermal Shock Resistance, High Compressive Strength
- Abrasion Resistance: Good
- Apparent Porosity:  $\leq 19\%$
- Bulk Density: High
- Chemical Composition:  $\text{MgO} \geq 90\%$
- Compressive Strength:  $\geq 50 \text{ MPa}$
- Feature: High Erosion Resistance
- Service Temperature: High
- Shape: Brick
- Sinterd Temperature: 1450
- Size: Standard Or Customized
- Softening Temperature: 1400-1450°C
- Thermal Capacity: High
- Thermal Conductivity:  $\leq 2.0 \text{ W/m-K}$



### More Images



### Product Description

**Description of High Quality Ladle Magnesium Carbon Fire Resistant Kiln Refractory Bricks Magnesia Carbon Brick**  
MgO-C Bricks for steel industry products that have excellent spalling resistance, rust resistance, superior resistance to oxidation. It is used for electric furnace, the second ladle etc and is popular in steel-making industry. Heat impact resistance is excellent because invasion of other ingredient is less and it has high peeling resistance, high thermal conduction quality. Also it does not easily wet with slag, metal and has low ventilation rate.

Rongsheng Refractory Factory supply a comprehensive range of Magnesia Carbon Bricks, Magnesia Carbon Bricks have been used in the slag line of refining ladle, and good results have been achieved. Magnesia carbon bricks are also used for the lining part of AC arc furnace, DC electrical arc furnace, converter and other parts.

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#### Features Of Kiln Refractory Bricks Magnesita Carbon Brick

1. Excellent resistance in slag abrasion
2. Higher temperate resistant with good refractoriness
3. lower creep in high temp
3. Good thermal shock resistance performance
4. Lower apparent porosity
5. not easily wet with slag

#### Applications Of Fire resistant magnesium carbon brick

EAF  
Ladle  
Basic Oxygen Furnace

#### Physical And Chemical Indicators of Magnesita Carbon Bricks

Item	Index			
	MT10A	MT12A	MT14A	MT16A
MgO %	≥80	≥78	≥76	≥74
C %	≥10	≥12	≥14	≥16
Apparent porosity %	≤4	≤4	≤3.5	≤3.5
Bulk density g/cm <sup>3</sup>	≥3.02	≥2.97	≥2.95	≥2.92
Cold Crushing Strength MPa	≥40	≥40	≥38	≥35
High temperature flexural strength MPa 1400 ×0.5h	≥6	≥6	≥10	≥8



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