

Electric Fused Rebonded Magnesite Refractory Bricks Magnesia Chrome Brick For Furnace

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng Magnesia Chrome Brick
- 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: Good
- Acid Resistance: Good
- Alkali Resistance: Good
- Bending Strength: High
- Carbon Content: Low
- Compressive Strength: High
- Corrosion Resistance: Good
- Material: Magnesite
- Refractoriness: High
- Shape: Bricks
- Sulfur Resistance: Good
- Thermal Capacity: High
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: Good

Our Product Introduction

Product Description

Introduction of High quality Electric Fused Rebonded Magnesia Chrome Brick Magnesite-chrome Brick For Furnace

Rebonded Magnesite-Chrome bricks are a type of high-level refractory product material ,which contain MgO and Cr₂O₃ as the main components, periclase and spinel are the main mineral components. This type of brick has high refractoriness, high temperature strength, strong resistance to alkaline slag, excellent thermal stability, and certain adaptability to acidic slag. The main raw materials for the manufacture of magnesia chrome bricks are sintered magnesia and chromite. The purity of the magnesia raw material should be as high as possible.

Features of Magnesia Chrome Brick

- (1).high refractoriness
- (2).high temperature strength
- (3).strong resistance to alkaline slag
- (4).excellent thermal stability

Application of Magnesia Chrome Brick

Common mag-chrome brick: Cement rotary kiln, glass kiln regenerative chamber, glass tank furnace ,steel furnace lining, refining ladle, non-ferrous metallurgical furnace, lime kiln, mix iron furnace, open hearth furnace.

Direct-Bonded mag-chrome brick : Cement rotary kiln, steelmaking electric furnace lining, refining furnace(RH,VOD,EAF), non-ferrous metallurgical furnace, glass kiln regenerative chamber, lime kiln, mix iron furnace, building materials, copper smelting furnace.

Physical and chemical indicators of Ordinary Magnesia Chrome Brick

Item	Index				
	MG-16A	MG-16B	MG-12A	MG-12B	MG-8A
MgO %	≥50	≥45	≥60	≥55	≥65
Cr ₂ O ₃ %	≥16	≥16	≥12	≥12	≥8
Apparent porosity %	≤19	≤22	≤19	≤21	≤19
Cold Crush Strength MPa	≥35	≥25	≥35	≥30	≥35
0.2Mpa Refractoriness Under Load	≥1650	≥1550	≥1650	≥1550	≥1650

Physical and chemical indicators of Fused Semi-Recombined Magnesia Chrome Brick:

Item	Index			
	ZMG-16A	ZMG-12A	ZMG-8A	
MgO %	≥60	≥68	≥75	
Cr ₂ O ₃ %	≥16	≥12	≥8	
SiO ₂ %	≤1.5	≤1.5	≤1.5	
Apparent porosity %	≤18	≤18	≤18	
Cold Crush Strength MPa	≥40	≥45	≥45	
0.2Mpa Refractoriness Under Load	≥1700			

Physical and chemical indicators of Fused Semi-Recombined Magnesia Chrome Brick :

Item	Index			
	BMG-26	BMG-24	BMG-22	
MgO %	≥50	≥50	≥55	
Cr ₂ O ₃ %	≥26	≥24	≥22	
SiO ₂ %	≤2.0	≤2.0	≤2.0	
Apparent porosity %	≤16	≤16	≤16	
Cold Crush Strength MPa	≥40	≥45	≥45	
0.2Mpa Refractoriness Under Load	≥1700			

Item	Index			
	BMG-18	BMG-16A	BMG-12A	
MgO %	≥58	≥60	≥68	
Cr ₂ O ₃ %	≥18	≥16	≥12	
SiO ₂ %	≤2.0	≤2.0	≤2.0	
Apparent porosity %	≤16	≤16	≤16	
Cold Crush Strength MPa	≥40	≥45	≥45	
0.2Mpa Refractoriness Under Load	≥1700			

Physical and chemical indicators of Fused Recombined Magnesia Chrome Brick

Item	Index				
	DMG-26	DMG-24	DMG-22	DMG-20	DMG-16
MgO %	≥50	≥50	≥55	≥58	≥62
Cr ₂ O ₃ %	≥26	≥24	≥22	≥20	≥16
SiO ₂ %	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5
Apparent porosity %	≤16	≤16	≤16	≤16	≤16
Cold Crush Strength MPa	≥40	≥40	≥40	≥40	≥40
0.2Mpa Refractoriness Under Load	≥1700	≥1700	≥1700	≥1700	≥1700



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