

Steel Flow Control Slide Gate Plate Refractories Slide Plate Brick Ladle Slide Gate

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng Slide Plate 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

- Chemical Resistance: Various Chemical Resistances
- Color: Various Colors
- Durability: Various Durabilities
- Flexibility: Various Flexibilities
- Heat Resistance: Various Heat Resistances
- Material: Other Materials
- Moisture Resistance: Various Moisture Resistances
- Resistance: Various Resistances
- Shape: Various Shapes
- Size: Various Sizes
- Strength: Various Strengths
- Texture: Various Textures
- Thickness: Various Thicknesses
- UV Resistance: Various UV Resistances
- Weight: Various Weights



Product Description

Description of Slide Gate Plates Slide Plate Brick For Ladle With Steel Used For Steel Flow Control

The main raw materials of slide plate are aluminum carbon and aluminum zirconium carbon. The need of special steel makes the development of slide plate diversified. Sliding plate brick has the advantages of high fire resistance, good chemical stability, slag and liquid metal corrosion resistance, good oxidation resistance and spalling resistance.

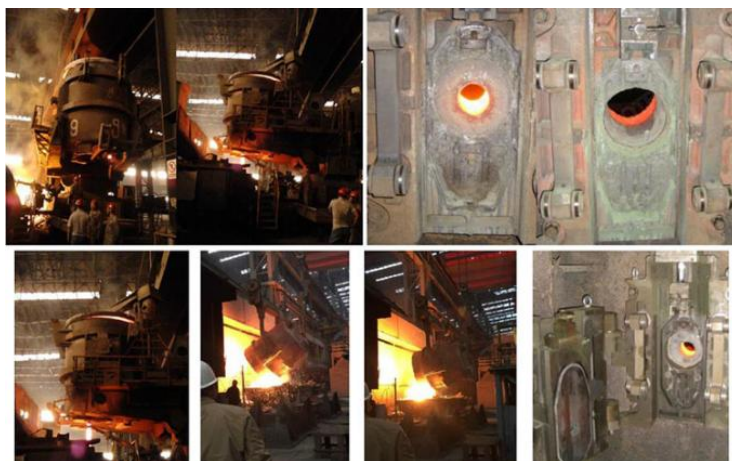
Our Product Introduction



Slide Gate Plates Slide Plate Brick For Ladle With Steel becomes more and more important in the process of modern steel smelting, becoming an indispensable part of smelting. It is in the process of continuous casting machine casting steel control device, can accurately adjust the water flow from the ladle in continuous casting tundish, the inflows and outflows of molten steel in balance, so that the continuous casting operation is easier to control.

Application of Slide Gate Plates Slide Plate Brick

Ladle slide gate plates are used to control the flow of molten metal from a ladle to a tundish in the continuous casting process. They are critical components of the process, as they help to ensure a steady and controlled flow of metal, which is essential for the production of high-quality steel.



Parameters of Slide Gate Plates Slide Plate Brick For Ladle With Steel:

| Item | | Index | | |
|----------------------------------|------------------|--------|--------|--|
| | | HBLT80 | HBLT75 | |
| Al ₂ O ₃ % | | ≥80 | ≥75 | |
| C % | | ≥2 | ≥3 | |
| Cold Crushing Strength MPa | Non impregnation | ≥80 | ≥70 | |
| | Impregnation | ≥100 | ≥90 | |
| Apparent porosity % | Non impregnation | ≤13 | ≤13 | |
| | Impregnation | ≤10 | ≤10 | |
| Bulk density g/cm ³ | Non impregnation | ≥2.9 | ≥2.85 | |
| | Impregnation | ≥2.95 | ≥2.9 | |

Aluminum Zirconium Carbon:

| Item | | Index | | |
|---------------------------------------|------------------|------------------|---------|---------|
| | | HBLTG80 | HBLTG75 | HBLTG70 |
| Al ₂ O ₃ % | | ≥80 | ≥75 | ≥70 |
| Al ₂ O ₃ +MgO % | | / | / | / |
| C % | | ≥3 | ≥3 | ≥4 |
| ZrO ₂ % | | ≥4 | ≥4 | ≥4 |
| Apparent porosity % | Non impregnation | ≤13 | ≤13 | ≤13 |
| | Impregnation | ≤10 | ≤10 | ≤10 |
| | | Non impregnation | ≥3.0 | ≥2.95 |
| | | | | ≥2.9 |

| | | | | | |
|--------------------------------|------------------|-------|------|-------|--|
| Bulk density g/cm ³ | Impregnation | ≥3.05 | ≥3.0 | ≥2.95 | |
| Cold Crushing Strength MPa | Non impregnation | ≥90 | ≥90 | ≥80 | |
| | Impregnation | ≥110 | ≥110 | ≥100 | |

Packaging & Shipping

1. Wooden case (Seaworthy standard packing)
2. Pallets (Seaworthy standard packing)
3. Further packing information based on customer's requirements



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