

High Alumina Insulation Bricks For Hot Blast Furnace

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- 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: 20-30 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000tons/month



Product Specification

- Highlight: High Alumina Insulation Bricks, Hot Blast Furnace Insulation Bricks

Product Description

High Alumina Insulation Bricks For Hot Blast Furnace

This product is manufactured using foam rapid-setting technology, featuring low bulk density, high compressive strength, high refractoriness under load, minimal dimensional tolerance, and excellent thermal stability. It has a stable thermal conductivity, which is the best among all insulating refractory bricks available. It effectively reduces the overall weight of the furnace, decreases the thickness of furnace walls, improves thermal efficiency, lowers energy consumption, enhances working conditions, and increases production efficiency, resulting in significant economic benefits. It is widely used in the insulation layer of various thermal processing equipment and as lining in areas not subjected to severe erosion by high-temperature molten materials.

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Physical And Chemical Product Specifications

| Item | High Alumina Insulation Brick | | | | | |
|--|-------------------------------|--------|--------|--------|--------|-------|
| | LG-1.0 | LG-0.9 | LG-0.8 | LG-0.7 | LG-0.6 | |
| Al ₂ O ₃ % | ≥48 | | | | | |
| Fe ₂ O ₃ % | ≤2.0 | | | | | |
| Bulk Density g/cm ³ | ≤1.0 | ≤0.9 | ≤0.8 | ≤0.7 | ≤0.6 | ≤0.5 |
| Cold Crushing Strength Mpa | ≥3.92 | ≥3.43 | ≥2.94 | ≥2.45 | ≥1.96 | ≥1.47 |
| Thermal Conductivity w/m.k | ≤0.45 | ≤0.45 | ≤0.35 | ≤0.35 | ≤0.3 | ≤0.25 |
| Reheating Temperature with ≤2% Linear Change | 1400 | 1400 | 1400 | 1350 | 1350 | 1250 |



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