

Affordable Factory Price High Alumina Refractory Bricks Refractory Castable Raw Material Refractory Calcined Bauxite

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Calcined Bauxite
- 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: 2000tons /month



Product Specification

Product Description

Product Description of Affordable Factory Price High Alumina Refractory Bricks Refractory Castable Raw Material Refractory Calcined Bauxite

Calcined Bauxite is manufactured by subjecting high-alumina bauxite to high-temperature sintering in rotary, shaft, or round kilns. This process drives off the moisture, concentrating the alumina content and significantly improving the material's refractoriness. Additionally, the calcination process reduces iron levels, resulting in a product with superior hardness and toughness. Due to its excellent thermal stability, resistance to molten slags, and remarkable mechanical strength, Calcined Bauxite is highly sought after in industries that produce refractory materials, abrasives, and other specialized products designed for high-temperature environments.

Our Product Introduction



Physical and Chemical Index of High Alumina Calcined Bauxite Powder

| Product Code | Chemical Composition (Mass Fraction),% | | | | | Bulk Density g/cm ³ | Water Absorpti |
|--------------|--|--------------------------------|------------------|---------|------------------------------------|--------------------------------|----------------|
| | Al ₂ O ₃ | Fe ₂ O ₃ | TiO ₂ | CaO+MgO | K ₂ O+Na ₂ O | | |
| GL-90 | ≥89.5 | ≤1.5 | ≤4.0 | ≤0.35 | ≤0.35 | ≥3.35 | ≤2.5 |
| GL-88BA | ≥87.5 | ≤1.6 | ≤4.0 | ≤0.4 | ≤0.4 | ≥3.20 | ≤3.0 |
| GL-88B | ≥87.5 | ≤2.0 | ≤4.0 | ≤0.4 | ≤0.4 | ≥3.25 | ≤3.0 |
| GL-85A | ≥85 | ≤1.8 | ≤4.0 | ≤0.4 | ≤0.4 | ≥3.10 | ≤3.0 |
| GL-85B | ≥85 | ≤2.0 | ≤4.5 | ≤0.4 | ≤0.4 | ≥2.90 | ≤5.0 |
| GL-80 | >80 | ≤2.0 | ≤4.0 | ≤0.5 | ≤0.5 | ≥2.90 | ≤5.0 |
| GL-70 | 70~80 | ≤2.0 | — | ≤0.6 | ≤0.6 | ≥2.75 | ≤5.0 |
| GL-60 | 60~70 | ≤2.0 | — | ≤0.6 | ≤0.6 | ≥2.65 | ≤5.0 |
| GL-50 | 50~60 | ≤2.5 | — | ≤0.6 | ≤0.6 | ≥2.55 | ≤5.0 |



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