

Low Creep Andalusite Refractory Brick Hot Blast Fire Brick Stove Coke Oven

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: HZ-55/65
- 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

- Application: Furnace
- Chemical Resistance: High
- Compressive Strength: High
- Density: High
- Material: Refractory Bricks
- Refractoriness: High
- Softening Point: High
- Thermal Capacity: High
- Thermal Conductivity: Low
- Thermal Expansion: Low
- Thermal Shock Resistance: High
- Highlight: Low Creep Andalusite Refractory Brick ,
Hot Blast Fire Brick Stove,
Andalusite Refractory Brick for Coke Oven

Our Product Introduction

Product Description

Low Creep Andalusite Brick / Andalusite Refractory Brick For Hot Blast Stove And Coke Oven

Description of Low Creep Andalusite Brick:

Andalusite bricks are a type of refractory brick known for their exceptional high-temperature resistance and excellent thermal shock resistance. They are primarily composed of andalusite, a naturally occurring mineral with a unique crystal structure that imparts outstanding refractory properties.

- 1.Features and applications of andalusite bricks:
- 2.High Heat Resistance
- 3.Excellent Thermal Shock Resistance:
- 4.Chemical Inertness:
- 5.Abrasion Resistance

Common Applications:

Andalusite bricks find applications in industries like metallurgy, ceramics, glass, cement, and other high-temperature processes. They are commonly used in areas of furnaces, kilns, and other high-temperature equipment.

Grades and Specifications:

Andalusite bricks are available in various grades and specifications, tailored to different temperature ranges and specific application requirements. These may include different compositions or additives to enhance certain properties.

Technical Parameter of Andalusite Bricks:

| Item | Index | | | |
|----------------------------------|-----------|-----------|-----------|-----------|
| | RH155 | RH150 | RH145 | RH140 |
| Al ₂ O ₃ % | ≥69 | ≥65 | ≥61 | ≥57 |
| Fe ₂ O ₃ % | ≤1.0 | ≤1.0 | ≤1.2 | ≤1.2 |
| TiO ₂ % | ≤0.5 | ≤0.5 | ≤0.5 | ≤0.6 |
| Bulk Density g/cm ³ | ≤20 | ≤20 | ≤20 | ≤20 |
| Apparent Porosity % | 2.55~2.70 | 2.50~2.65 | 2.45~2.60 | 2.40~2.55 |
| Cold Crushing Strength MPa | ≥55 | ≥55 | ≥50 | ≥50 |
| 0.2Mpa Refractoriness Under Load | ≥1700 | ≥1700 | ≥1650 | ≥1600 |
| Permanent Linear Change Rate % | 1500 ×2h | 1500 ×2h | 1500 ×2h | 1450 ×2h |
| | ±0.2 | ±0.2 | ±0.2 | ±0.2 |
| Creep Rate % 0.2MPa 0~50h | ≤0.8 1550 | ≤0.8 | ≤0.8 | ≤0.8 |
| | | 1500 | 1450 | 1400 |



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