

## 200-1000°C Thermal Insulation Brick High Alumina Lightweight Refractory Bricks

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: LG-1.2, LG-1.0, LG-0.8, LG-0.7, LG-0.6, LG-0.5
- 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: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



### Product Specification

- Color: White
- Compressive Strength: 20-30MPa
- Durability: Good
- Flexural Strength: 2-3MPa
- Material: Ceramic
- Moisture Absorption:  $\leq 2.5\%$
- Shape: Brick
- Size: Standard
- Thermal Conductivity: 0.3-0.5W/m.K
- Thermal Insulation Performance: Excellent
- Thermal Shock Resistance:  $\geq 200$
- Thermal Stability:  $\geq 1000$
- Thickness: 2-3cm
- Weight: 2-3kg

Our Product Introduction

### Product Description

Factory Price High Alumina Light Weight Insulation Brick For Sale

#### Description of Light Weight High Alumina Insulation Fire Brick

We are one of the Light Weight High Alumina Insulation Fire Clay Brick Manufacturers in China. We offer an exclusive range of High Alumina Bricks which are of optimum quality. Our range encompasses of High Alumina Fire Bricks, High Alumina Low Ferric Fire Bricks etc which are highly exclusive. We offer different shapes and sizes in our High Alumina Bricks which cannot be availed through anywhere else. We use the best quality material to manufacture our High Alumina Bricks so that there is no compromise in their quality. We offer our High Alumina Bricks at quite reasonable prices and also deliver them well within the stipulated time avoiding all delays.

Light Weight High Alumina Insulation Fire Brick are produced with selected bauxite chamotte by advanced process and strict quality control. The main mineral components are corundum and mullite phases. It(High Alumina Brick,Alumina Brick,Refractory Alumina) features excellent high temperature mechanics and chemical corrosion resistance. refractory bricks for wood oven fire brick alumina brick for stoves

#### Features of High Alumina Light Weight Insulation Brick

Low thermal conductivity

Excellent acid and base slagging resistance  
High refractoriness  
Excellent thermal shock resistance  
Excellent mechanical strength

#### Applications of High Alumina Light Weight Insulation Brick:

1. Steel furnaces
2. Iron making furnaces
3. Glass kiln
4. Ceramic tunnel kiln
5. Cement kiln

#### Physical and chemical indicators of High Alumina Light Weight Insulation Brick

Item	Index					
	LG-1.2	LG-1.0	LG-0.8	LG-0.7	LG-0.6	
Al <sub>2</sub> O <sub>3</sub> %	≥48					
Fe <sub>2</sub> O <sub>3</sub> %	≤2					
Bulk Density g/cm <sup>3</sup>	≤1.2	≤1.0	≤0.8	≤0.7	≤0.6	
Cold Crush Strength,MPa	≥4.5	≥3.5	≥2.5	≥2.2	≥1.6	
Permanent Linear Change Rate,%	1400 ×12h ≤-2			1350 ×12h ≤-2		
Thermal Conductivity W/(m·K) 350±25	≤0.55	≤0.50	≤0.35	≤0.30	≤0.25	



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