

Light Weight Thermal Insulation Brick High Alumina Bubble Brick Insulation For Kiln

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: GQZ-1, GQZ-2, GQZ-3, GQZ-4, GQZ-5, GQZ-6
- 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

- Acid Resistance: High
- Alkali Resistance: High
- Color: White
- Compressive Strength: High
- Durability: High
- Fire Resistance: High
- Flexural Strength: High
- Heat Resistance: High
- Material: Ceramic
- Moisture Resistance: High
- Product Name: Thermal Insulation Brick
- Shape: Brick
- Size: Customized
- Thermal Conductivity: Low
- Thermal Resistance: High

Our Product Introduction

Product Description

Introduction of Light Weight Alumina Hollow Ball Brick High Alumina Bubble Brick High Quality Insulation Bricks For Kiln

Alumina bubble brick, also known as lightweight alumina brick or bubble alumina brick, is a type of refractory material used in high-temperature industrial applications. It is known for its excellent insulating properties and high resistance to heat and chemical corrosion.

Features of Alumina Bubble Brick

1. High purity;
2. High mechanical strength;
3. Low thermal conductivity;
4. Good stability
5. Mainly apply to the insulation layer of coal-water slurry gasifier
6. Excellent thermal insulation
7. Long service life
8. High compressive strength

Advantages of Alumina Bubble Brick

Exceptional insulating properties.
High resistance to heat and thermal shock.
Good chemical resistance.
Lightweight, which can help reduce the load on the supporting structure.

Parameter of Light Weight Alumina Hollow Ball Brick

Item	Index				
	GQZ-1	GQZ-2	GQZ-3	GQZ-4	GQZ-5
Zr(Hf)O ₂ +Stabilizer %	≥99				≥98
Al ₂ O ₃ %	≤0.4				≤0.6
SiO ₂ %	≤0.2				≤0.4
Fe ₂ O ₃ %	≤0.2				≤0.2
Bulk Density g/cm ³	2.4~2.9	2.9~3.2	3.2~3.8	2.4~2.9	2.9~3.2
Cold Crush Strength MPa	≥10	≥15	≥20	≥10	≥15
Thermal Conductivity W/(m·K) Hot Face 1100	≤0.7	≤0.9	≤1.2	≤0.7	≤0.9
Permanent linear change % 1600 ×3h	-0.3~0				-0.3~0



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