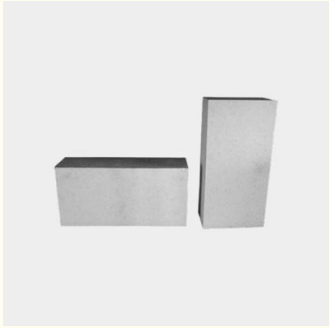
# Al2O3 70~99 Furnace Refractory Bricks Fused Re Sintered Mullite Refractory Bricks

Our Product Introduction

## Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: GM-70, GM-75
- 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

- Acid Resistance: Good
- Alkali Resistance: Good
- Apparent Porosity: <20%
- Bulk Density: 1.8-2.2g/cm3
- Cold Crushing Strength: >50Mpa
- Color: Red, Yellow, White, Etc.
- Compressive Strength: >20Mpa
- Density: 2.2-2.6g/cm3
- Material: Clay, Alumina, Magnesia, Etc.
- Refractoriness: 1700-1800
- Refractoriness Under Load: >1400
- Shape: Rectangular, Square, Circular, Etc.
- Size: Customized
- Thermal Conductivity: 0.2-0.3W/m.K
- Thermal Shock Resistance: Good



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## Product Description

Al2O3 70~99 Refractory Brick Manufacturer Prices Fused And Re-Sintered Mullite Brick For Glass Kiln

**Description of Fused and re-sintered mullite bricks**

Fused and re-sintered mullite bricks are a type of refractory brick known for their high-temperature stability, low thermal expansion, and excellent resistance to thermal shock. They are composed primarily of mullite crystals, which are formed through the fusion and subsequent re-sintering of raw materials.

These bricks are primarily composed of mullite, which is a crystalline material composed of alumina ($Al_2O_3$) and silica ($SiO_2$). The specific composition may vary depending on the manufacturer and the intended application.

**Features of Fused and re-sintered mullite bricks:**

1.High Temperature Stability
2.Low Thermal Expansion
3.Excellent Thermal Shock Resistance
4.Chemical Inertness

**Applications of Fused and re-sintered mullite bricks:**

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Fused and re-sintered mullite bricks find applications in industries such as ceramics, glass, iron and steel, non-ferrous metals, and petrochemicals. They are used in furnaces, kilns, and other high-temperature equipment.

**Technical Parameter of Fused And Re-Sintered Mullite Bricks::**

| Item | Index | |
|---|---|---|
| | GM-70 | |
| Al2O3 % | ≥70 | |
| Fe2O3 % | ≤0.8 | |
| Bulk Density g/cm3 | ≥2.55 | |
| Apparent Porosity % | ≤17 | |
| Cold Crushing Strength MPa | ≥90 | |
| 0.2Mpa Refractoriness Under Load | ≥1680 | |
| Permanent Linear Change Rate % 1500 ×2h | -0.1~0.2 | |
| Thermal shock resistance cycle 1100 water cooling | ≥18 | |

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