

## Al<sub>2</sub>O<sub>3</sub> 70~99 Furnace Refractory Bricks Fused Re Sintered Mullite Refractory Bricks

Our Product Introduction

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### 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/cm<sup>3</sup>
- Cold Crushing Strength: >50Mpa
- Color: Red, Yellow, White, Etc.
- Compressive Strength: >20Mpa
- Density: 2.2-2.6g/cm<sup>3</sup>
- 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

Our Product Introduction

### Product Description

Al<sub>2</sub>O<sub>3</sub> 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<sub>2</sub>O<sub>3</sub>) and silica (SiO<sub>2</sub>). 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:

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	
Al <sub>2</sub> O <sub>3</sub> %	≥70	
Fe <sub>2</sub> O <sub>3</sub> %	≤0.8	
Bulk Density g/cm <sup>3</sup>	≥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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