

## Refractory Corundum Brick Standard Corundum Mullite Brick

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RS-80, RS-90
- 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: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



### Product Specification

- Abrasion Resistance:  $\leq 0.8 \text{ Cm}^3$
- Bulk Density:  $3.5 \text{ G/cm}^3$
- Chemical Composition:  $\text{Al}_2\text{O}_3$
- Chemical Resistance: High
- Cold Crushing Mpa: 350
- Color: Pure White
- Creep Rate:  $\leq 0.2\%$
- Material: Sintered Corundum
- Origin: Xinmi
- Performance: Good Thermal Shock Stability
- Softening Temperature: 1400
- Temperature: High
- Thermal Conductivity:  $\leq 2.5 \text{ W/m-K}$
- Thermal Shock Resistance:  $\geq 20 \text{ Times}$
- Thermalexpansion:  $4.5 \times 10^{-6}/\text{K}$



### More Images



### Product Description

#### High Quality Refractory Corundum Brick Standard Specifications Corundum Mullite Brick For Sale

Corundum mullite bricks are a type of refractory brick that is made from a mixture of alumina ( $\text{Al}_2\text{O}_3$ ) and mullite ( $3\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2$ ). They are characterized by their high strength, durability, and resistance to high temperatures and corrosive environments.

Rongsheng Refractory Factory have been professional Corundum Mullite Brick Manufacturer and supplier for more than 20 years. Besides, we also have many other kinds of refractory bricks, such as High Alumina Bricks, Fireclay Bricks, Magnesia Bricks, Silica Bricks, etc. All of our refractory brick material products can be customized on demand. Welcome customers contact us for more details at any time. We will give you the best price as possible as we can.

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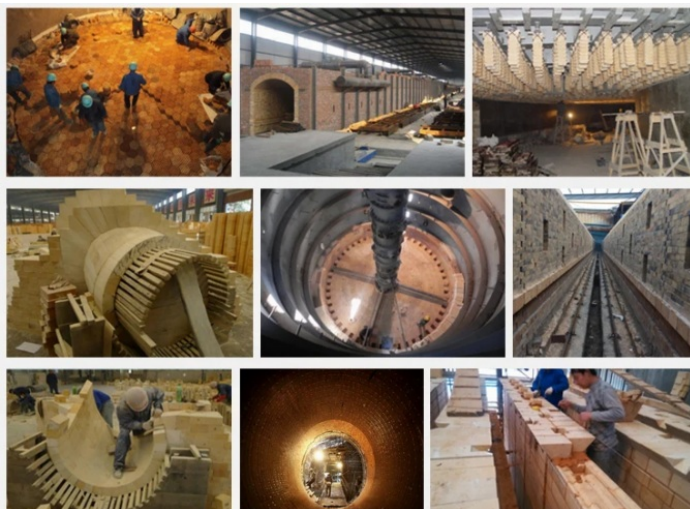


#### Product Features of High Quality Corundum Fire Brick Standard Specifications Corundum Mullite Brick

- 1.Low line expansion coefficients
- 2.Long service life
- 3.Great corrosion and erosion resistance
- 4.High bulk density
- 5.High compressive strength
- 6.Good thermal shock resistance
- 7.Good corrosion resistances to acids and alkali

#### Applications of Corundum Mullite Bricks

Corundum mullite bricks are exceptional refractory materials known for their heat resistance. They're widely used in industries like steel, ceramics, and glass for lining furnaces, kilns, and high-temperature equipment. These bricks withstand extreme heat, making them ideal for steelmaking, petrochemicals, cement, glass manufacturing, and waste treatment plants. Their resilience against high temperatures and corrosive environments makes them indispensable in numerous industrial applications.



#### Product Physical and Chemical Specification of Corundum Mullite Bricks

Item	Purity Corundum Brick	99 Corundum Brick	90 Corundum Brick
Al <sub>2</sub> O <sub>3</sub> %	≥99.3	≥98.5	≥90
SiO <sub>2</sub> %	<0.15	<0.3	<8.5
Fe <sub>2</sub> O <sub>3</sub> %	≤0.1	≤0.2	≤0.2
Bulk Density g/cm <sup>3</sup>	≥3.25	≥3.25	≥3.1

Apparent Porosity %	<1.8	<1.8	<1.8	
Cold Crushing Strength Mpa	≥100	≥100	≥120	
Refractoriness Under Load (0.2MPa,0.6%)	≥1700	≥1700	≥1700	
Reheating Linear Change Rate %(1600 x 8h)	-0.2	-0.2	0.2	
Linear expansion coefficient -1 (Room temp. to 1300 )	8.1×10 -6	8.1×10 -6	8.1×10 -6	



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