

## High Temp Corundum Brick Slag Erosion Resistance Chrome 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: GGZ-5, GGZ-12, GGZ-20, GGZ-30
- 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

- Abrasion Resistance: High
- Chemical Resistance: Good
- Color: Red
- Compressive Strength: High
- Density: High
- Material: Corundum
- Melting Point: High
- Refractoriness: High
- Shape: Brick
- Size: Standard
- Strength: High
- Surface: Smooth
- Thermal Conductivity: Good
- Thermal Expansion: Low
- Thermal Shock Resistance: Good

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### Product Description

#### Description of High-Temp Slag Erosion Resistance Chrome Corundum Brick

Chrome corundum brick uses  $\alpha\text{-Al}_2\text{O}_3$  as raw material, adding appropriate amount of chromium oxide powder, chrome corundum powder and additives, etc., after molding, it is fired at a high temperature of 1700 °C to form chrome corundum bricks.

#### Features of Chrome Corundum Refractory Brick

1. Excellent thermal shock stability
  2. Small high temperature creep value
  3. Good wear-resistance, slag-resistance and alkali corrosion resistance.
  4. High-purity raw material, barely no pollution.
  5. High Bulk Density
- Shapes and sizes: there are great variety of formats and shapes which are available for different forming and special machine processes.

#### Application of Chrome Corundum Bricks:

Chrome corundum refractory bricks are mainly used in the refractory material linings in decomposing furnaces for petroleum and chemical industry, as well as the chemical fertilizer industry. Fireproof chrome corundum bricks are also used as high

temperature kiln linings and furnitures in metallurgical industry.

Parameters of Chrome Corundum Refractory Brick

Item	Index			
	GGZ-5	GGZ-12	GGZ-20	
Cr <sub>2</sub> O <sub>3</sub> %	≥5	≥12	≥20	
Cr <sub>2</sub> O <sub>3</sub> +Al <sub>2</sub> O <sub>3</sub> %	≥93	≥93	≥93	
Fe <sub>2</sub> O <sub>3</sub> %	≤0.3	≤0.3	≤0.3	
Apparent Porosity %	≤18	≤18	≤18	
Bulk Density g/cm <sup>3</sup>	≥3.10	≥3.20	≥3.40	
Cold Crushing Strength MPa	≥100	≥100	≥100	
0.2Mpa Refractoriness Under Load	≥1700	≥1700	≥1700	



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