

Industrial Furnace High Chrome Refractory Bricks For Extreme Industrial Environments

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: GGZ-75, GGZ-85, GGZ-90, GGZ-95
- 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

- Highlight: Industrial Furnace Refractory Bricks, Extreme Industrial Environments Refractory Bricks, High Chrome Refractory Bricks

Our Product Introduction

Product Description

Overview of High Quality Industrial Furnace High Chrome Refractory Bricks For Extreme Industrial Environments
Rongsheng Refractory has been a leading manufacturer, supplier, and exporter of top-quality refractory materials for more than 20 years. We offer a comprehensive range of refractory solutions, including high chrome bricks, which are known for their superior performance in extreme industrial conditions. Our high chrome bricks contain Cr2O3 levels of 90% or more, making them highly resistant to chemical corrosion, thermal shock, and wear.



Product Features of High Chrome Refractory Brick

High chrome refractory bricks are specially designed for use in environments that demand exceptional chemical and thermal resistance. Their high Cr_2O_3 content enables them to withstand harsh operating conditions, particularly in the coal chemical industry, alkali-free glass fiber kilns, and waste incinerators. These bricks are known for their:

Superior corrosion resistance: With a high Cr_2O_3 content, these bricks provide excellent resistance to corrosive agents, especially in chemical industries.

Outstanding thermal stability: Designed to endure extreme temperatures, these bricks help maintain furnace integrity in high-temperature zones.

Durability: High chrome bricks are ideal for key furnace components where long-term performance is essential, reducing the need for frequent repairs and maintenance.

Applications of Rongsheng High Chrome Brick

Our high chrome bricks are widely used across various industries, particularly for:

Coal chemical industry furnaces

Chemical industry furnaces

Alkali-free glass fiber kilns

Waste incinerators Their adaptability to such challenging conditions makes them a go-to choice for industrial clients seeking long-lasting, high-performance refractory materials.

Product Specification of Rongsheng High Chrome Brick

Item	Index			
	GGZ-75	GGZ-85	GGZ-90	
Cr_2O_3 %	≥ 75	≥ 85	≥ 90	
$\text{Cr}_2\text{O}_3 + \text{Al}_2\text{O}_3 + \text{ZrO}_2$ %	≥ 98	≥ 98	≥ 98	
SiO_2 %	≤ 0.2	≤ 0.2	≤ 0.2	
Fe_2O_3 %	≤ 0.3	≤ 0.3	≤ 0.3	
$\text{K}_2\text{O} + \text{Na}_2\text{O}$ %	≤ 0.2	≤ 0.2	≤ 0.2	
Apparent porosity %	≤ 18	≤ 18	≤ 16	
Bulk density g/cm^3	≥ 3.90	≥ 4.2	≥ 4.22	
Cold Crush Strength MPa	≥ 120	≥ 120	≥ 120	

Why Choose Rongsheng Refractory?

Rongsheng Refractory has a strong global reputation, exporting products to over 100 countries and regions. Our commitment to quality and innovation ensures that we provide solutions tailored to the specific needs of industries like iron & steel, cement, non-ferrous, and petrochemicals. With 20 years of experience, we stand as one of the top refractory material suppliers in the world.

Contact Us

If you are looking for reliable high chrome refractory bricks to enhance your industrial furnace, reach out to us today.

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