

Low Thermal Conductivity Corrosion-Resistant Chrome Corundum Bricks For Smelting

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: 20-30 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



Product Specification

- Enhanced Corrosion Resistance: Outstanding Resistance To Chemical Corrosion
- Cr₂O₃ % (GGZ-20): ≥20
- Cr₂O₃+Al₂O₃ %: ≥93
- Cr₂O₃ % (GGZ-30): ≥30
- Cr₂O₃ % (GGZ-5): ≥5
- Bulk Density G/cm³: ≥3.10
- Product Application: Primarily Used In High-temperature Industrial Applications That Require Excellent Corrosion Resistance, Mechanical Strength, And Thermal Stability
- Contact Information: Tel/Whatsapp: +86-18538509097, Email: Jackyhan2023@outlook.com
- Highlight: **Smelting Applications Corundum Bricks,**



Product Description

Product Description:

One of the key attributes of the Chrome Corundum Refractory Brick is its low apparent porosity, which makes it highly resistant to thermal shock and erosion. The brick has an apparent porosity of $\leq 18\%$, which means that it has a dense and compact structure that can withstand prolonged exposure to high temperatures.

In addition to its low porosity, the Chrome Corundum Refractory Brick also has a low Fe_2O_3 content of $\leq 0.3\%$. This means that it is highly resistant to chemical erosion and can maintain its structural integrity even when exposed to aggressive chemicals and high temperatures.

The Chrome Corundum Refractory Brick is also known for its high mechanical strength, which is evident from its superior compressive strength and flexibility. This brick can withstand high compressive forces and can be easily shaped to fit any industrial application, making it a versatile and reliable choice for a wide range of high-temperature industrial processes.

Aside from its impressive physical properties, the Chrome Corundum Refractory Brick also comes with custom solutions and expert support from the manufacturer. This means that the brick can be tailored to meet specific industrial requirements and technical advice can be provided to ensure optimal performance and longevity.

If you're looking for a high-quality refractory material that can withstand extreme temperatures and chemical erosion, the Chrome Corundum Refractory Brick is an excellent choice. This brick is available for sale and can be used in a variety of industrial applications, making it a cost-effective and reliable solution for any high-temperature process.

Features:

Product Name: Reliable Refractory Brick Manufacturer Supply Premium Chrome Corundum Bricks For Cement And Glass Kilns

Cold Crushing Strength MPa: ≥ 100

Fe_2O_3 %: ≤ 0.3

Apparent Porosity %: ≤ 18

Product Category: Corundum Brick

Features:

High quality chrome corundum brick

Perfect for use in cement and glass kilns

Excellent cold crushing strength of at least 100 MPa

Low Fe_2O_3 content of no more than 0.3%

Low apparent porosity of no more than 18%

Reliable and durable refractory brick

Applications:

The chrome corundum brick is available in different models, including GGZ-5, GGZ-12, GGZ-20, and GGZ-30, with Cr_2O_3 % ranging from 12% to 30%. These bricks have a cold crushing strength of at least 100 MPa, making them highly durable and long-lasting. They are suitable for use in a variety of applications, including:

Steel industry: The chrome corundum brick is ideal for use in steel industry applications, such as blast furnace linings, hot metal ladle linings, and tundish linings.

Cement industry: The chrome corundum brick is suitable for use in cement kiln linings, preheater cyclone tubes, and cooler linings.

Non-ferrous metal industry: The chrome corundum brick is ideal for use in copper smelting furnace linings, aluminum electrolytic cell linings, and zinc smelting furnace linings.

Petrochemical industry: The chrome corundum brick is suitable for use in ethylene cracking furnace linings, secondary reformer linings, and pyrolysis furnace linings.

Technical Parameters:

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| Bulk Density g/cm ³ : | ≥ 3.10 |
| Cr_2O_3 % (GGZ-12): | ≥ 12 |
| Stable Thermal Performance: | Excellent thermal conductivity and low thermal expansion |
| Fe_2O_3 %: | ≤ 0.3 |
| $\text{Cr}_2\text{O}_3 + \text{Al}_2\text{O}_3$ %: | ≥ 93 |
| Cr_2O_3 % (GGZ-20): | ≥ 20 |
| Enhanced Corrosion Resistance: | Outstanding resistance to chemical corrosion |
| Apparent Porosity %: | ≤ 18 |
| Cr_2O_3 % (GGZ-30): | ≥ 30 |

For more information about chrome corundum brick, please contact us at:
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Email: Jackyhan2023@outlook.com

We have chrome corundum brick for sale, suitable for various industrial applications such as furnaces and kilns.

Support and Services:

Our Corundum Brick product comes with a comprehensive technical support and service package, including:
Expert technical advice on product selection, installation, and maintenance

On-site technical support for installation and start-up

Regular product performance evaluations and recommendations for improvements

Customized product solutions to meet unique application requirements

Training programs for customers and end-users on proper product handling, installation, and maintenance

Our goal is to ensure that our customers receive the highest level of technical support and service throughout the life cycle of their Corundum Brick product.

Packing and Shipping:

Product Packaging:

Corundum bricks will be packed in wooden pallets or crates.

Each pallet or crate will be securely wrapped with plastic film to prevent any damage during transportation.

Product labeling will include product name, dimensions, quantity, and any other relevant information.

Shipping:

Corundum bricks will be shipped via sea or air freight, depending on customer's preference and urgency.

We will work with reliable shipping companies to ensure timely and safe delivery.

Customers will be provided with tracking information and will be updated regularly on the status of their shipment.

About Rongsheng Xinwei

Rongsheng Xinwei chrome corundum bricks are available for sale at a price range of 200-800 USD. The minimum order quantity is 1 ton, and the supply ability is 2000 tons per month. The delivery time is 20-30 days, and the bricks are packed on wooden pallets, with a water-proof cover, and tightened with plastic/steel bandages. The payment terms include TT and L/C, and the bricks are certified by ISO9001.

If you are looking for a high-quality chrome corundum fire brick, Rongsheng Xinwei chrome corundum brick is the right choice for you. These bricks have a stable thermal performance and are highly resistant to high temperatures, making them suitable for use in a variety of industrial applications. Contact us today to place your order!



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