

Rongsheng Refractory Factory Supply Corundum Mullite Brick For Superior Heat Resistance And Durability

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Rongsheng
- 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: 2000tons/month



Product Specification

- Highlight: Superior Heat Resistance Corundum Mullite Brick , high Durability Corundum Mullite Brick



More Images



Product Description

Rongsheng Refractory Corundum Mullite Brick High-Performance Refractory Solution

Corundum Mullite Brick is a premium, high-temperature refractory product that combines the exceptional properties of corundum (Al_2O_3) and mullite ($3\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2$). This brick is designed to withstand extreme conditions and is widely used in high-temperature industrial applications, providing excellent thermal stability and resistance to wear and erosion.

With high strength, low porosity, and remarkable resistance to chemical attack, Corundum Mullite Brick ensures reliability and durability in the most demanding environments. This product is essential for industries that require refractory materials capable of maintaining performance at high temperatures.



Product Features of Rongsheng Refractory Factory Supply Corundum Mullite Brick For Superior Heat Resistance and Durability

High Temperature Strength: Designed to perform under extreme heat, maintaining structural integrity even at high temperatures.

Low Porosity: The low porosity of Corundum Mullite Brick ensures reduced thermal conductivity, contributing to energy efficiency in high-temperature applications.

Chemical Resistance: Resistant to chemical erosion, making it ideal for use in aggressive environments where other materials may degrade.

Thermal Shock Resistance: Corundum Mullite Brick excels in resisting thermal shock, ensuring a longer lifespan in cyclic heating and cooling conditions.

Good Mechanical Strength: With its strong mechanical properties, this brick can endure physical stress and maintain its form under intense operational conditions.

Applications of Corundum Mullite Brick

Corundum Mullite Brick is widely used in industries where extreme temperatures and harsh conditions prevail. Common applications include:

Blast Furnaces: Ideal for blast furnace ceramic cups and hot blast stoves, providing long-lasting resistance to high temperatures and erosion.

Steelmaking: Used in the linings of steel furnaces, offering superior protection against high heat and molten metal attack.

Kilns & Boilers: Suitable for high-temperature kilns and boilers in industries like cement, ceramics, and power generation.

Glass Furnaces: Corundum Mullite Brick is also effective in glass furnace linings, where high thermal stability and chemical resistance are critical.

Physical And Chemical Indicators of Corundum Mullite Bricks

Specification/Model Number	JH-TCB-M1	JH-TCB-M2
Al_2O_3 , % $\geq$	85	90
Apparent Porosity, % $\leq$	20	20
Bulk Density, $\text{g/cm}^3 \geq$	2.9	2.9
Compressive Strength, MPa $\geq$	60	60

Specification/Model Number	JH-TCB-M1	JH-TCB-M2
Bending Strength (1400°Cx0.5h), MPa ≥	10	10
Load Softening Temperature at 0.2MPa, ≥	1650	1650
Reheat Shrinkage (1500°Cx2h), % ±	0.3	0.3

Advantages of Choosing Our Corundum Mullite Brick

Superior Performance: Manufactured using high-quality white corundum and mullite, our bricks offer superior thermal stability and durability.

Tailored Solutions: We provide custom formulations to meet the specific needs of your high-temperature applications, ensuring optimal performance.

Competitive Pricing: Our efficient production processes allow us to offer Corundum Mullite Bricks at highly competitive prices without compromising on quality.

Longer Service Life: The exceptional wear and erosion resistance result in longer service life, reducing maintenance costs over time.

Environmental Friendliness: Our products are designed with energy efficiency in mind, helping to lower operational costs and reduce environmental impact.

Why Choose Our Factory?

At Henan Rongsheng Xinwei New Materials, we pride ourselves on being a leading manufacturer of high-performance refractory materials, including Corundum Mullite Bricks. With over 20 years of experience, our factory employs advanced production technologies and strict quality control measures to ensure that every product we produce meets the highest standards.

State-of-the-Art Equipment: We use cutting-edge technology to manufacture bricks that perform exceptionally in even the most demanding industrial conditions.

Experienced Workforce: Our skilled team of engineers and technicians ensures that every brick is crafted to meet your specific requirements.

International Certification: We comply with global standards and certifications, guaranteeing the reliability and quality of our products worldwide.

Company Overview

Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd. is affiliated with **Henan Rongsheng Refractory Group**, a leading manufacturer and supplier of high-performance refractory materials with more than 20 years of industry experience. We specialize in producing a wide range of refractory products, including Customized Special-shaped Mullite Bricks, high alumina bricks, magnesia bricks, fire clay bricks, and various unshaped refractories.

Our company is committed to providing innovative, energy-efficient, and environmentally friendly solutions to meet the diverse needs of industries such as steel, cement, glass, ceramics, and petrochemicals. We are recognized as a trusted supplier worldwide, with a strong focus on quality, customer satisfaction, and technical expertise.

Contact Us

For more information on our **Corundum Mullite Bricks** or to receive a personalized quote, please don't hesitate to contact us.

Tel/Whatsapp: +86-18538509097

Email: Jackyhan2023@outlook.com

Website: <https://www.bricksrefractory.com>

Our team is ready to assist you with any inquiries and provide tailored solutions for your specific needs. Contact us today to get started!



HENAN RONGSHENG XINWEI

Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd



+86-18538509097



Jackyhan2023@outlook.com



[bricksrefractory.com](https://www.bricksrefractory.com)

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China