

## High Alumina Kiln Car Refractory Bricks From Rongsheng Refractory

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: 2000 tons/month



### Product Specification

- Weight: As Designed
- Alkali Resistance: Excellent
- Modle: As Required
- Raw Material: High Alumina Content Bauxite
- Color: Red
- Thermal Expansion: Low
- Size: 230x114x65mm
- Origin: China
- Fe2O3 Content: ≤2%
- Refractoriness: ≥1580
- Apparent Porosity: Low
- Water Absorption: ≤6%
- Density: 2.3-2.5g/cm3
- Thermal Capacity: High
- Highlight: High Alumina Refractory Bricks,



### More Images



### Product Description

#### Product Overview of High Alumina Kiln Car Refractory Bricks From Rongsheng Refractory

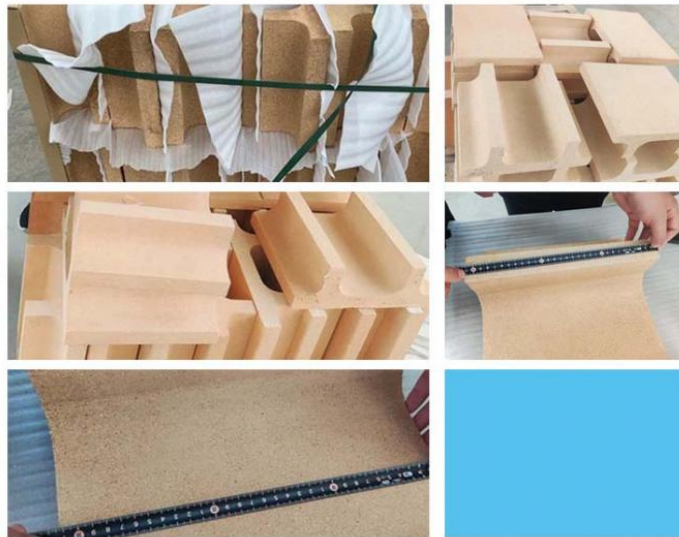
Welcome to Rongsheng Refractory, your trusted source for high-quality refractory materials. Our High Alumina Kiln Car Refractory Bricks are designed to meet the rigorous demands of high-temperature industrial applications. With their high alumina content, these bricks offer superior thermal stability, mechanical strength, and low thermal conductivity, making them an ideal choice for kiln car tops and sides.

#### Detailed Product Description

##### Material Composition

Our High Alumina Kiln Car Refractory Bricks are composed of premium high alumina material, supplemented with additional refractory components to enhance their performance in extreme conditions. This composition ensures that the bricks maintain their integrity and durability under high-temperature environments.

Our Product Introduction



#### Properties of High Alumina Kiln Car Refractory Bricks From Rongsheng Refractory

- 1.High Refractoriness: These bricks can withstand extremely high temperatures, making them suitable for use in kilns and other high-heat applications.
- 2.Thermal Shock Resistance: Designed to endure rapid temperature changes without cracking or spalling.
- 3.Durability: The high mechanical strength ensures a long service life, reducing the need for frequent replacements.
- 4.Low Thermal Expansion: Minimizes structural changes and damage under thermal stress.

#### Applications of High Alumina Kiln Car Refractory Bricks From Rongsheng Refractory

##### Primary Uses

Our High Alumina Kiln Car Refractory Bricks are specifically engineered for use in:

Kiln car tops and sides  
High-temperature industrial furnaces  
Industries

These versatile bricks are ideal for various industries, including:

Ceramics  
Metallurgy  
Glass production  
Cement manufacturing  
Technical Specifications  
Physical and Chemical Properties

Alumina Content: 70-80%  
Bulk Density: 2.3-2.6 g/cm<sup>3</sup>  
Cold Crushing Strength: 45-60 MPa  
Refractoriness: Up to 1790°C

#### Advantages Of Rongsheng Refractory Kiln Car Refractory Bricks

**Long Service Life:** Durable materials ensure that the bricks last longer, even in demanding environments.

**Energy Efficiency:** Low thermal conductivity helps to retain heat, improving overall energy efficiency.

**Reduced Maintenance Costs:** The robust nature of our bricks means less frequent replacements and lower maintenance costs.

##### Cost Efficiency

**Competitive Pricing:** Rongsheng Refractory offers high-quality bricks at competitive prices.

**Potential Cost Savings:** The longevity and durability of our bricks can lead to significant cost savings over time.

#### Product Specification of High Alumina Kiln Car Refractory Bricks From Rongsheng Refractory

Items	Kiln Car Brick	Door Liner
Al <sub>2</sub> O <sub>3</sub> %	≥38	≥42
MgO %	≥3.8	-
Bulk Density (g/cm <sup>3</sup> )	≥2.15	≥2.20
Refractoriness ≥	≥1550	≥1650
Refractoriness under load,	≥1300	≥1350
Permanent Linear Change %	1300 × 2h +0.1~ -0.4	1350 × 3h +
Apparent Porosity %	≤22	≤20
(1200 ) Thermal shock resistance (cycles)	≥50	≥30
Cold crushing strength Mpa	≥45	≥50

#### Packaging and Delivery

##### Packaging Details

Our High Alumina Kiln Car Refractory Bricks are packaged in standard export packaging to ensure they arrive safely and in excellent condition. Custom packaging options are available upon request.

##### Delivery Time

We strive to ensure timely delivery for all orders. The estimated delivery time for our kiln car bricks is [insert estimated delivery time]. Bulk orders are welcome and can be accommodated within our delivery schedule.

#### About Rongsheng Refractory

##### Supplier Details

Rongsheng Refractory is a more than 20 years leading manufacturer of high-quality refractory materials. With more than 20 years of experience and a commitment to excellence, we provide products that meet the highest industry standards. Our quality assurance and certifications reflect our dedication to providing the best products to our customers.

#### Customer Support

We are here to assist you with your refractory material needs. For inquiries or to place an order, please contact us at:

**Phone:** +86-18538509097

**Email:** Jackyhan2023@outlook.com

**Website:** <https://www.brickrefractory.com/>

Our customer service team is available to help you with any questions and to provide expert advice on selecting the right refractory materials for your application.

Visit our website to learn more about our products and services. Experience the Rongsheng difference with our High Alumina Kiln Car Refractory Bricks, designed to deliver superior performance and value.



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