

Refractory Alumina Silica Refractory Bricks High Alumina Fire Brick

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RSAS60, RSAS70, RSAS75, RSAS80
- 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: High Alumina Refractory Bricks, High Alumina Silica Refractory Bricks

Our Product Introduction

Product Description

Product Description of Best Price Rongsheng Refractory Alumina Silica Refractory Bricks High Alumina Fire Brick For Sale

Alumina silica refractory bricks from rongsheng refractory are high-performance materials engineered for use in high-temperature applications across various industries. These bricks are primarily composed of alumina (Al_2O_3) and silica (SiO_2), ensuring excellent resistance to heat, corrosion, and wear. They offer superb mechanical strength and durability, making them an ideal choice for challenging environments where both high temperature and chemical exposure are a concern.



Key Features of Alumina Silica Refractory Bricks

High-Temperature Resistance: Designed to withstand temperatures up to 1,750°C, these bricks provide exceptional thermal stability in a wide range of industrial furnaces.

Superior Corrosion and Erosion Resistance: Alumina silica bricks excel in harsh conditions, especially in environments exposed to acidic or alkaline substances.

Strong Mechanical Strength: Their robust construction ensures minimal wear and structural integrity, even in prolonged, high-temperature applications.

Low Thermal Conductivity: The bricks' thermal insulation properties help improve energy efficiency by minimizing heat loss in kilns, furnaces, and other high-temperature systems.

Applications of Alumina Silica Refractory Bricks

Alumina silica refractory bricks are widely used in industries such as steel, cement, glass, and ceramics due to their versatility and resilience. Common applications include:

Steel Furnaces: Essential for lining blast furnaces and other high-heat steelmaking equipment.

Cement Kilns: Ideal for use in rotary kilns and preheater towers due to their ability to handle extreme conditions.

Glass Melting Tanks: These bricks provide durability and stability in environments subjected to frequent temperature changes.

Ceramic Kilns: Highly recommended for use in kilns where thermal insulation and durability are key.

Product Specification of Rongsheng Refractory Alumina Silica Refractory Bricks

Item	RSAS60	RSAS70	RSAS75
AL ₂ O ₃ (%)	≥60	≥70	≥75
SiO ₂ (%)	32	22	20
Fe ₂ O ₃ (%)	≤1.7	≤1.8	≤1.8
Refractoriness °C	1790	>1800	>1825
Bulk density,g/cm ³	2.4	2.45-2.5	2.55-2.6
Softening temperature under load	≥1470	≥1520	≥1530
Apparent porosity,%	22	<22	<21
Cold Crushing strength Mpa	≥45	≥50	≥54

Advantages of Alumina Silica Refractory Bricks

Long Service Life: The bricks' superior thermal resistance and mechanical properties ensure extended durability, reducing the need for frequent maintenance or replacement.

Cost-Effective Solution: With their ability to maintain performance over time, alumina silica bricks offer a cost-effective choice for industries that rely on high-efficiency operations.

Environmentally Friendly: Alumina silica bricks are produced using eco-friendly methods, making them a responsible choice for industries seeking sustainable materials.

Why Choose Rongsheng Refractory As Supplier?

At Rongsheng Refractory, we specialize in providing top-quality refractory materials tailored to meet the unique needs of our clients. Our alumina silica refractory bricks are carefully crafted using advanced techniques and high-purity raw materials to ensure optimal performance in demanding industrial settings.

Contact us today to learn more about how our alumina silica refractory bricks can enhance your production efficiency while minimizing operational costs.

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