

Mechanical Strength High-Performance Alumina Silica Refractory Bricks ISO9001

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: 200-800 USD
- 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

- Highlight: Alumina Silica Refractory Bricks,
Mechanical Strength Refractory Bricks,
High Performance Alumina Silica Refractory Bricks

Our Product Introduction

Product Description

Product Description of Good Price High-Performance Alumina Silica Refractory Bricks From Rongsheng Refractory
Rongsheng Refractory proudly offers its high-performance Alumina Silica Refractory Bricks, designed for exceptional performance in high-temperature industrial applications. Composed of a precise blend of alumina (Al_2O_3) and silica (SiO_2), these refractory bricks exhibit superior thermal stability, corrosion resistance, and mechanical strength, making them the perfect solution for challenging environments where durability and heat resistance are crucial.



Key Features of Alumina Silica Refractory Bricks

Extreme Heat Resistance: Capable of withstanding temperatures as high as 1,750°C, these bricks provide unmatched thermal stability, ensuring reliable performance in industrial furnaces.

Resistance to Corrosion and Erosion: Alumina silica bricks are highly resistant to aggressive chemical exposure, performing well in environments where acidic and alkaline substances are present.

Excellent Mechanical Strength: Built for longevity, these bricks maintain their structural integrity even under prolonged exposure to high temperatures.

Low Thermal Conductivity: The insulating properties of alumina silica bricks help retain heat, improving energy efficiency and reducing operating costs.

Applications of Alumina Silica Refractory Bricks

Alumina silica refractory bricks are versatile and widely used across various industries, including:

Steel Industry: Ideal for lining blast furnaces, converters, and other steelmaking equipment that requires high heat resistance.

Cement Kilns: Commonly used in rotary kilns and preheater towers due to their ability to endure extreme operational conditions.

Glass Melting Tanks: Ensure long-lasting durability in glass production, where resistance to temperature fluctuations is key.

Ceramics: Highly recommended for use in ceramic kilns where insulation and durability are essential for optimal performance.

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

Why Choose Rongsheng Refractory?

At Rongsheng Refractory, we bring over a decade of experience in manufacturing and supplying high-quality refractory products. Our Alumina Silica Refractory Bricks are engineered with the highest standards of craftsmanship to ensure maximum efficiency and longevity in the toughest industrial conditions.

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