

High Alumina Brick Arch Brick With Superior Thermal Resistance For High-Temperature Industrial Applications

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RS-48, RS-55, RS-65, RS-75, RS-80
- 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: Industrial High Alumina Brick, Superior Thermal Resistance High Alumina Brick



More Images



Product Description

Overview of Rongsheng High Alumina Brick Arch Brick With Superior Thermal Resistance For High-Temperature Industrial Applications

Our high alumina brick is engineered to meet the demanding needs of industrial applications where extreme temperatures are encountered. Made from premium quality raw materials, these bricks offer superior thermal resistance and durability.

Our Product Introduction



Features of Rongsheng High Alumina Brick Arch Brick

High Thermal Resistance: Capable of withstanding temperatures up to 1790°C, making them ideal for kilns, furnaces, and other high-temperature environments.

Durability: Exceptional strength and resistance to thermal shock ensure long service life and reduced maintenance costs.

High Purity: Composed of high-purity alumina, providing excellent chemical resistance and stability.

Applications of Rongsheng High Alumina Arch Brick

Steel Industry: Perfect for lining blast furnaces, hot blast stoves, and other high-heat environments.

Ceramic Industry: Used in kilns for firing ceramics and other heat-intensive processes.

Chemical Industry: Ideal for reactors and other equipment where high-temperature resistance is critical.

Parameter of Rongsheng High Alumina Brick Arch Brick With Superior Thermal Resistance For High-Temperature Industrial Applications

Item		Properties			
		RS-80	RS-75	RS-65	RS-55
Al ₂ O ₃ (%)		80	≥75	≥65	≥55
Refractoriness (°C)		≥1790	≥1790	≥1790	≥1770
Bulk density (g/cm ³)		2.65	2.5	2.45	2.4
Softening temperature under load (°C)		1530	≥1520	≥1500	≥1470
Linear changes on reheating (%)	1500°CX2H	0.1	0.1	0.1	0.1
		-0.4	-0.4	-0.4	-0.4
	1450°CX2H				
Apparent porosity (%)		22	≤23	≤23	≤22
Cold crushing strength (Mpa)		55	≥50	≥45	≥40

Why Choose Us?

Competitive Pricing: We offer the best high alumina bricks price without compromising on quality.

Reliable Supplier: As a leading high alumina brick supplier, we ensure consistent quality and timely delivery.

Expert Support: Our team of experts is available to provide technical support and advice on the best refractory solutions for your needs.

Contact Us

For inquiries about our high alumina brick and other refractory products, contact us at:

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