

Rongsheng Refractory Premium High Alumina Brick Fire Resistant Arch Brick For Industrial Kilns

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: 200-800 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: Fire Resistant Arch Brick, Industrial Kilns High Alumina Brick, Premium High Alumina Brick



More Images



Product Description

Product Overview of Rongsheng Refractory Premium High Alumina Brick Fire Resistant Arch Brick For Industrial Kilns:

Introducing our Premium High Alumina Fire Resistant Arch Brick, meticulously engineered to meet the stringent demands of industrial kilns and furnaces. Crafted from high-quality raw materials, these arch bricks are designed to withstand extreme temperatures and harsh operating conditions, ensuring longevity and efficiency in your thermal processing applications.

Our Product Introduction



Key Features of Rongsheng Refractory Premium High Alumina Brick:

Superior Heat Resistance: Our high alumina arch bricks offer exceptional resistance to high temperatures, withstanding up to 1790°C (3254°F), making them ideal for use in high-temperature industrial environments.

Enhanced Durability: The bricks are formulated with high-purity alumina, ensuring robust mechanical strength and resistance to slag and chemical corrosion, extending the lifespan of your kiln linings.

Precision Engineering: Manufactured with precise dimensions and smooth surfaces, these arch bricks ensure a tight, secure fit, reducing heat loss and improving the overall efficiency of your kiln.

Low Thermal Conductivity: Designed to provide excellent thermal insulation, these bricks minimize heat transfer, helping to maintain consistent internal temperatures and reduce energy consumption.

Customizable Shapes and Sizes: Available in a variety of shapes and sizes to meet the specific requirements of your kiln design, including standard and customized configurations.

Applications of Rongsheng High Alumina Refractory Bricks:

Industrial Kilns: Ideal for lining the roofs and walls of ceramic, cement, and glass kilns, where high heat resistance and structural integrity are paramount.

Metallurgical Furnaces: Perfect for use in blast furnaces, electric arc furnaces, and ladle linings, providing exceptional performance in high-temperature metal processing.

Chemical and Petrochemical Industries: Suitable for reactors, incinerators, and other high-temperature equipment in chemical plants, ensuring reliable operation under severe thermal and chemical conditions.

Technical Specifications of Rongsheng High Alumina Refractory BricksArched Fire Brick :

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/cm3)		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 Our High Alumina Fire Resistant Arch Bricks?

Quality Assurance: Manufactured under stringent quality control standards, our arch bricks are subjected to rigorous testing to ensure they meet the highest industry benchmarks.

Expert Support: Our team of refractory experts is available to provide technical support and guidance, helping you select the right products for your specific needs and applications.

Global Reach: With a strong international presence, we offer reliable shipping and logistics services to ensure timely delivery of your orders, wherever you are located.

Contact Us:

For more information or to place an order, please contact us:

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Transform your kiln performance with our Premium High Alumina Fire Resistant Arch Bricks, engineered for excellence and built to last.



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