

## 48%-75% Al<sub>2</sub>O<sub>3</sub> High Alumina Refractory Brick SK34 SK36 Tunnel Kiln Bricks

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: 200-800USD
- Packaging Details: packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages
- Delivery Time: 20-30DAYS
- Payment Terms: TT; L/C



### Product Specification

- Al<sub>2</sub>O<sub>3</sub> Content: Above 48%
- Application Temperature: 1400-1700
- Bulk Density: 2.2-2.6g/cm<sup>3</sup>
- Chemical Stability: Excellent
- Cold Crushing Strength: Above 40MPa
- Color: White
- Material: Alumina
- Packaging: Wooden Pallet
- Product Name: High Alumina Refractory Brick
- Refractoriness: Above 1790
- Service Life: Above 10 Years
- Shape: Brick
- Size: Customized
- Thermal Shock Resistance: Excellent
- Highlight: 75% Al<sub>2</sub>O<sub>3</sub> High Alumina Refractory Brick,



### More Images



### Product Description

#### Product Description of 48%-75% Al<sub>2</sub>O<sub>3</sub> High Alumina Brick SK34 SK36 SK38 SK40 For Tunnel Kiln

Our 48%-75% Al<sub>2</sub>O<sub>3</sub> High Alumina Bricks, available in SK34, SK36, SK38, and SK40 grades, are engineered for superior performance in tunnel kiln applications. These bricks epitomize quality and reliability, boasting a range of alumina content to suit diverse industrial requirements.

Our Product Introduction



#### Key Features of SK34 SK36 SK38 SK40 For Tunnel Kiln

**Alumina Prowess:** With alumina content ranging from 48% to 75%, these bricks exhibit outstanding thermal stability and resistance to extreme temperatures.

**Grade Versatility:** Available in SK34, SK36, SK38, and SK40 grades, offering precise selection for specific application needs.

**Robust and Durable:** These bricks are engineered for extended use, demonstrating impressive load-bearing capacity and maintaining structural integrity under heavy loads.

**Thermal Insulation:** Low thermal conductivity provides superior insulation, minimizing heat loss and enhancing energy efficiency in high-temperature processes.

**Chemical Resistance:** These bricks showcase excellent resistance to various chemicals, making them ideal for applications in corrosive environments.

**Precision Craftsmanship:** Each brick is meticulously manufactured to strict industry standards for dimensions and shapes, ensuring seamless installation.

#### Advantages of 48%-75% Al<sub>2</sub>O<sub>3</sub> High Alumina Brick SK34 SK36 SK38 SK40 For Tunnel Kiln

**Alumina Options for Tailored Solutions:** Choose from a range of alumina content to match your specific kiln requirements, ensuring optimal performance.

**Grade Specificity:** The availability of different grades allows you to select bricks that precisely meet the demands of your tunnel kiln operation.

**Durability and Longevity:** These bricks are built to last, resulting in reduced maintenance costs and extended operational lifespans.

**Efficient Thermal Management:** Low thermal conductivity enhances temperature control within the kiln, ensuring consistent heat distribution.

**Versatile Applications:** Ideal for a wide array of industries, including ceramics, metallurgy, and more, making them a versatile solution for high-temperature processes.

**Customizable Options:** Tailored solutions are available to meet specific project requirements, providing bricks that are optimized for your unique application.

#### Applications of 48%-75% Al<sub>2</sub>O<sub>3</sub> High Alumina Brick SK34 SK36 SK38 SK40 For Tunnel Kiln

Tunnel Kilns  
Ceramics Industry  
Metallurgical Industry  
Petrochemical Industry

Invest in our 48%-75% Al<sub>2</sub>O<sub>3</sub> High Alumina Bricks for unparalleled performance in your tunnel kiln operations. Contact us today for personalized recommendations and bulk order inquiries.

#### Product Specification of 48%-75% Al<sub>2</sub>O<sub>3</sub> High Alumina Brick SK34 SK36 SK38 SK40 For Tunnel Kiln

High Alumina Refractory Brick Physical and Chemical Index:						
Item	Properties					
		RS-80	RS-75	RS-65	RS-55	
Al <sub>2</sub> O <sub>3</sub> (%)		80	≥75	≥65	≥55	
Refractoriness (°C )		≥1790	≥1790	≥1790	≥1770	
Bulk density (g/cm <sup>3</sup> )		2.65	2.5	2.45	2.4	
Softening temperature under load (°C )		1530	≥1520	≥1500	≥1470	
Reheating Linear changes Rate (%)	1500°CX2H	0.1	0.1	0.1	0.1	
	1450°CX2H	-0.4	-0.4	-0.4	-0.4	
Apparent porosity (%)		22	≤23	≤23	≤22	
Cold crushing strength (Mpa)		55	≥50	≥45	≥40	
Application	Steel furnace, glass furnace, sodium silicate furnace, ceramic shuttle kiln, cement rotary kiln, blast furnace, electric furnace and reverberatory furnace.					

We also can make brick according to customers' drawing and requirements.



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