

## Al<sub>2</sub>O<sub>3</sub> Heat Resistance Fire Resistant Brick SK36 SK38 SK40 Fireproof Brick Industrial

Our Product Introduction

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### Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: K36, SK38, SK40
- 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
- Supply Ability: 2000tons /month



### Product Specification

- Application: Ceramic Kiln
- Cold Crushing Strength:  $\geq 50$ MPa
- Color: White
- Compressive Strength:  $\geq 50$ MPa
- Density: 2.2-2.3 G/cm<sup>3</sup>
- Flexural Strength:  $\geq 20$ MPa
- Material: High Alumina Refractory Brick
- Packing: Carton Box
- Refractoriness:  $\geq 1790$
- Refractoriness Under Load:  $\geq 1450$
- Shape: Rectangular
- Size: Customized
- Thermal Conductivity:  $\leq 0.7$  W/(m.K)
- Thermal Shock Resistance: Good
- Highlight: Al<sub>2</sub>O<sub>3</sub> Heat Resistance Fire Resistant Brick,

### Product Description

#### Product description of Al<sub>2</sub>O<sub>3</sub> Heat Resistance Fire Resistant Brick SK36 SK38 SK40 Refractory Brick Fireproof & Heat Resistant For Industrial Use

Our Al<sub>2</sub>O<sub>3</sub> Heat Resistance Fire Resistant Bricks in SK36, SK38, and SK40 variants are meticulously engineered to meet the highest standards of fire resistance and durability. Crafted from premium quality materials, these bricks are specifically designed to withstand extreme temperatures, making them an exceptional choice for various high-temperature industrial applications.

Our Product Introduction



#### Key Features of SK36 SK38 SK40 Refractory Brick High Alumina Brick

1. High refractoriness;
2. High temperature strength;
3. High thermal stability;
4. Neutral refractory;
5. Good resistance to acid and basic slag corrosion;
6. High refractoriness under load;
7. High temperature creep resistance;
8. Low apparent porosity;

#### Applications of Fire Resistant Brick SK36 SK38 SK40 Refractory Brick Fireproof & Heat Resistant For Industrial Use

Furnace Lining  
Kilns and Rotary Furnaces  
Incinerators  
Reactors  
High-Temperature Industrial Processes

#### Why Choose Our Al<sub>2</sub>O<sub>3</sub> Heat Resistance Fire Resistant Bricks:

1. Unparalleled fire resistance and thermal stability.
2. Available in multiple grades to suit various temperature ranges.
3. Premium quality Al<sub>2</sub>O<sub>3</sub> ensures long-lasting performance.
4. Excellent resistance to thermal shock for added durability.
5. Low thermal conductivity conserves energy and reduces costs.
6. Customizable shapes and sizes for tailored solutions.

Elevate your industrial operations with our Al<sub>2</sub>O<sub>3</sub> Heat Resistance Fire Resistant Bricks. Contact us today for a quote and experience the difference in quality, performance, and affordability.

#### Product Features of SK36 SK38 SK40 Refractory Brick High Alumina Brick

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
Linear changes on reheating (%)	1500°CX2H	0.1	0.1	0.1
		-0.4	-0.4	-0.4
	1450°CX2H			
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, blast furnace and reverberatory furnace.			



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