

High Alumina Refractory Bricks Kiln Car Bricks For Refractroy Tunnel Kiln And Steel Iron Cement Industry

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: SK35, SK36, SK37, 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 Temperature: ≤ 1400
- Chemical Composition: $Al_2O_3 \geq 50\%$
- Color: Red/White/Gray/Black/Yellow/Green
- Compressive Strength: $\geq 80MPa$
- Density: $2.2-2.4g/cm^3$
- Linear Change Rate: $\leq 0.2\%$
- Material: High Alumina Refractory Brick
- Packing: Wooden Pallet
- Refractoriness: ≥ 1700
- Refractoriness Under Load: ≥ 1450
- Shape: Square/Rectangle/Circle/Oval
- Size: Customized
- Thermal Conductivity: $\leq 0.6W/m.K$
- Thermal Shock Resistance: Good



More Images



Our Product Introduction

Product Description

Product Description of High Alumina Refractory Bricks Kiln Car Bricks For Refractroy Tunnel Kiln And Steel Iron Cement Industry

High alumina brick is a kind of neutral refractory with alumina content above 48%. It is formed by shaping and calcining bauxite or other raw materials with high alumina content. High thermal stability and fire resistance above 1770 .

We bring forth high quality High Alumina Bricks, which is manufactured to meet the requirements of neutral refractoriness where safe working temperature is more than 1300 degree centigrade. We offer high Alumina Bricks in different specifications as per customer requirements.



Features of High Alumina Refractory Bricks Kiln Car Bricks

- 1.High alumina bricks has properties of high refractoriness, high strength, acid and washing erosion resistance, good thermal stability and so on.
- 2.. Low bulk density, low thermal conductivity, good thermal insulation performance.
- 3.High compressive strength.
4. Refractory category allow direct contact of fire, suitable ofr various atmosphere
5. Long service life, easy operation.

Applications of High Alumina Bricks

High Alumina Bricks have a wide range of applications due to their excellent properties. Some of the common applications include:

1.Steel Industry:

Used for lining steel-making electric arc furnaces.
Used in ladles and tundishes.

2.Glass Industry:

Utilized in the construction of glass tanks and regenerators.
Used in the checker work of glass melting furnaces.

3.Cement Industry:

Lining cement rotary kilns and coolers.

4.Refractory Industry:

Applied in various high-temperature equipment such as kilns, furnaces, and reactors.

5.Chemical Industry:

Used in kilns and reactors for chemical processes that require high-temperature resistance.

6.Metallurgical Industry:

Used in non-ferrous metal smelting furnaces.
Incineration and Waste Disposal:

7.Used in the lining of incinerators due to their ability to withstand high temperatures.

8.Petrochemical Industry:

Utilized in reactors and other high-temperature processing equipment.
Power Generation:

9.Used in boilers and furnaces in power plants.

10.Foundry Industry:

Used in the lining of furnaces for metal casting.

These applications showcase the versatility and effectiveness of High Alumina Bricks in environments that demand high-temperature stability, resistance to corrosion, and mechanical durability. They are a critical component in a wide range of industrial processes.

Product Specification of High Alumina Bricks Kiln Car Refractory Brick

Item	Index			
	SK40	SK38	SK37	SK36
	LZ-80	LZ-75	LZ-65	LZ-55
Al ₂ O ₃ %	≥80	≥75	≥65	≥55
Apparent Porosity, %	≤21	≤24	≤24	≤22
CCS, MPa	≥70	≥60	≥50	≥45
0.2MPa RUL	≥1530	≥1520	≥1500	≥1450
PLC, %	1500 ×2h -0.4~0.2			1450 ×2h -0.4~0.1



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