Coke Oven High Alumina Refractory Brick Furnace Alumina Silica Refractory Brick

Our Product Introduction

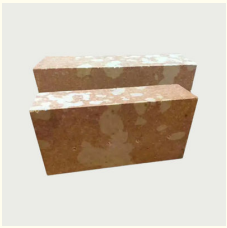
Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RSAS60, RSAS70, RSAS75, RSAS80
- 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: Industrial Furnace, Kiln, Etc.
- Chemical Composition: Al2O3 ≥50%, SiO2 ≤45%
- Cold Crushing Strength: ≥50MPa
- Color: Red, White, Gray, Etc.
- Density: 2.2-2.4g/cm3
- MOQ: 1 Ton
- Material: High Alumina Refractory Brick
- Package: Wooden Box Or Pallet
- Porosity: ≤20%
- Refractoriness: ≥1700
- Shape: Square, Rectangle, Arch, Circular, Etc.
- Size: Customized
- Thermal Shock Resistance: Good
- Highlight: **Coke Oven High Alumina Refractory Brick**, **High Alumina Refractory Brick Furnace**,

More Images



Our Product Introduc

Product Description

Description of Factory Supply Refractory Alumina Silica Fire Brick Furnace Refractory Brick For Coke Oven And Furnaces

Alumina silica fire bricks are a type of refractory brick that is made from a mixture of alumina and silica. They are made by firing a mixture of alumina and silica at a high temperature, which creates a strong and durable brick. Alumina silica fire bricks are known for their high refractoriness, good load-bearing capacity, and resistance to thermal shock.

Application of Refractory Alumina Silica Fire Brick
Alumina silica fire bricks are used in a wide range of high-temperature applications, including:

Blast furnaces
Open hearth furnaces
Electric arc furnaces
Rotary kilns
Cement kilns
Incinerators
Glass furnaces
Petrochemical furnaces

Alumina silica fire bricks are available in a variety of shapes and sizes to meet the specific needs of different applications. They can be cut and shaped to fit any application.

Advantages of using alumina silica fire bricks:

High refractoriness: Alumina silica fire bricks can withstand temperatures up to 1750°C.
Good load-bearing capacity: Alumina silica fire bricks are very strong and can withstand heavy loads.
Resistance to thermal shock: Alumina silica fire bricks can withstand rapid changes in temperature without cracking or deforming.
Good chemical resistance: Alumina silica fire bricks are resistant to corrosion from acids, alkalis, and other chemicals.
Good thermal conductivity: Alumina silica fire bricks have good thermal conductivity, which allows them to heat up and cool down quickly.
Alumina silica fire bricks are a versatile and durable refractory material that is suitable for use in a wide range of high-temperature applications. They are a cost-effective and reliable solution for many different industries.

Here are some additional details about alumina silica fire bricks:

1.Alumina silica fire bricks are typically made from a mixture of 60-70% alumina and 30-40% silica.

2.The alumina content in the brick determines its refractoriness and load-bearing capacity. The silica content in the brick determines its resistance to thermal shock and chemical resistance.

3.Alumina silica fire bricks are typically manufactured in a variety of shapes, including bricks, blocks, tiles, and shapes.

4.Alumina silica fire bricks are typically installed using a refractory mortar.

5.Alumina silica fire bricks should be inspected regularly for signs of wear and tear.

If you are considering using alumina silica fire bricks in your application, please consult with a qualified refractory engineer to ensure that you are selecting the right brick for your needs.

Product Specificaton of Factory Supply Refractory Alumina Silica Fire Brick Furnace Refractory Brick For Coke Oven And Furnaces

Item	RSAS60	RSAS70	RSAS75
AL2O3(%)	≥60	≥70	≥75
SIO2(%)	32	22	20
Fe2O3(%)	≤1.7	≤1.8	≤1.8
Refractoriness °C	1790	>1800	>1825
Bulk density,g/cm3	2.4	2.45-2.5	2.55-2.6
Softening temperature under load	≥1470	≥1520	≥1530
Apparent porosity,%	22	<22	<21
Cold Crushing strength Mpa	≥45	≥50	≥54

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