

Standard Size SK35 SK36 SK37 SK38 SK40 Types of High Alumina Firebrick Aluminium OxideBrick For Sale

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Sk32, Sk34, Sk36, 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: High Temperature Furnace
- Chemical Resistance: High
- Color: Red
- Compressive Strength: High
- Density: High
- Flexural Strength: High
- Material: Alumina
- Product Name: High Alumina Refractory Brick
- Refractoriness: High
- Shape: Brick
- Size: Standard
- Surface: Smooth
- Thermal Conductivity: Low
- Thermal Shock Resistance: High



More Images



Product Description

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High alumina bricks, available for purchase at RS Company, are a prevalent type of refractory material. They are primarily composed of Al_2O_3 . These bricks possess attributes such as elevated refractoriness, robust strength, resistance to acid and abrasive erosion, as well as commendable thermal stability. Notably, they exhibit exceptional thermal stability and can withstand temperatures exceeding 1770 .

The manufacturing procedure for high alumina bricks bears resemblance to that of multi-clinker clay bricks. However, the key distinction lies in the substantial proportion of clinker in the constituents, reaching as high as 90-95%. Prior to pulverization, the clinker necessitates thorough sorting and screening to eliminate any iron impurities. Furthermore, the firing process demands elevated temperatures. For instance, in the case of high alumina bricks like Grade I and II being fired in tunnel kilns, temperatures typically range from 1500 to 1600 .

Our Product Introduction



Feature of Standard size SK32 SK34 SK36 type of High alumina firebrick

1. Good thermal conductivity.
2. High fire resistance.
3. Good slag resistance, acid and alkali resistance.
4. Thermal stability.

Appliaction Of SK32 SK34 SK36 type of High alumina firebrick

High alumina bricks play a fundamental role in the realm of high-temperature technology and find extensive applications across industries such as cement, glass manufacturing, steel production, petrochemicals, and more. They serve as linings for various high-temperature industrial furnaces, including blast furnaces, hot blast furnaces, electric furnaces, reverberatory furnaces, and rotary kilns. Moreover, high alumina bricks can be tailored to specific needs, undergoing processes to become open hearth regenerative grid bricks, socket bricks for pouring systems, nozzle bricks, and other specialized forms in accordance with the requirements of industrial furnaces.

Physical and chemical indexes of High Alumina Brick

Item	Index			
International Code Name	SK35	SK36	SK37	SK38
Chinese Code Name	LZ-48	LZ-55	LZ-65	LZ-75
A ₂ O ₃ ,%	248	[255	265	[275
Fe ₂ O ₃ ,%	s2	s2	s2	s2
Refractoriness' min	1750	1770	1790	1790
Apparent Porosity,%	[s22	[s22	s23	[s23
Bulk Density,g/cm3	2.25-2.35	2.25-2.35	2.25-2.35	2.25-2.35
Cold Crushing Strength Mpa	239	244	249	[254
0.2Mpa Refractoriness Under Load T0.2℃min	21420	21470	21500	21520



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