Rongsheng Factory Price High Temperature Refractory Alumina Silica Fire Brick For Cement Plant

Our Product Introduction

Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: RSAS60, RSAS70, RSAS75, RSA80
- Minimum Order Quantity: 1 Ton
- Price: 200-800 USD
- 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: 2000 tons/month

Product Specification

- Features: High Working Temperature
- Extended Kiln Life: Yes
- Color: White, Yellow, Brown, Etc.
- Strength: High
- Shape: Standard, Customized
- Compressive Strength: 50-100 MPa
- Shape Type: Standard Straight Shape
- Condition: Brand New
- Permanent Linear Change: Low
- Service Temperature: High
- Volume Density: ≥2.20g/cm3
- Refractoriness: 1580-1790°C
- Feature: Good Thermal Shock Resistance
- Packing: Wooden Pallet, Carton, Etc.
- Flexural Strength: ≥10MPa

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Our Product Introduc

Product Description

Introduction of Rongsheng Factory Price High Temperature Refractory Alumina Silica Fire Brick For Cement Plant
High alumina and alumina-silicate refractory bricks are critical in various industrial processes due to their ability to withstand extreme temperatures and harsh environments. These bricks offer unique properties that make them indispensable in industries like steel, glass, and nonferrous metals.

What are High Alumina and Alumina-Silicate Refractory Bricks?
High alumina bricks contain varying levels of alumina content, ranging from 40% to 90%, and are known for their high temperature performance, excellent corrosion and wear resistance, high bulk density, and low iron content. Alumina-silicate bricks, a subset of alumina-based refractories, are composed primarily of silicon oxide (SiO_2) and aluminum oxide (Al_2O_3).

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Advantages of Refractory Alumina Silica Fire Brick For Cement Plant
Both high alumina and alumina-silicate bricks share several advantageous properties:
High Refractoriness: Capable of withstanding extremely high temperatures.
Durability: Exceptional resistance to wear, corrosion, and thermal shock.
Strength: Maintain structural integrity under severe conditions.
Thermal Conductivity: Efficient heat transfer capabilities.
Applications of Refractory Alumina Silica Fire Brick For Cement Plant
These refractory bricks are essential in various high-temperature applications, enhancing the longevity and efficiency of industrial furnaces and other equipment:
Metallurgical Industry: Electric furnaces and steelmaking furnaces.
Building Materials Industry: Cement and glass kilns.
Chemical Industry: Ammonia synthesis furnaces.
Power Industry: Boilers and garbage incineration furnaces.
Conclusion
High alumina and alumina-silicate refractory bricks are vital for the efficiency and durability of high-temperature industrial processes. Their superior properties make them a preferred choice in multiple industries, ensuring optimal performance and extended furnace life.

For more information on high-quality refractory bricks, visitRongsheng Refractory.

Product Specification of Rongsheng Factory Price High Temperature Refractory Alumina Silica Fire Brick For Cement Plant

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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