Low Thermal Conductivity Fireclay Brick Sk32 Sk34 Sk36 For Blast Furnace

Our Product Introduction

Basic Information

- Place of Origin: Zhengzhou, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Sk32, Sk34, Sk36
- 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: 10-20 DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month

Product Specification

- Abrasion Resistance: High
- Acid Resistance: High
- Chemical Resistance: High
- Color: Yellow
- Durability: High
- Fire Resistance: Yes
- Frost Resistance: Yes
- Impact Resistance: High
- Material: Fireclay
- Moisture Resistance: Yes
- Shape: Rectangular
- Size: Brick
- Texture: Smooth
- Thermal Shock Resistance: High
- Highlight: **low thermal conductivity fireclay brick**,

More Images




Our Product Introduc

Product Description

Product Description of Low Thermal Conductivity High Quality Fireclay Brick Sk32 Sk34 Sk36 For Blast Furance
Fireclay bricks are a type of clay product made from aluminum silicate materials with an Al2O3 content of 30% to 40%. Their refractoriness is up to 1690 to 1730 degrees Celsius. The main mineral composition of fireclay bricks is kaolinite ($Al_2O_3 \cdot 2SiO_2 \cdot 2H_2O$), with impurities of 6 to 7%, such as potassium, sodium, calcium, titanium, and ferrous oxide.

Fireclay bricks are a slightly acidic refractory product that can resist acid slag and gas erosion.

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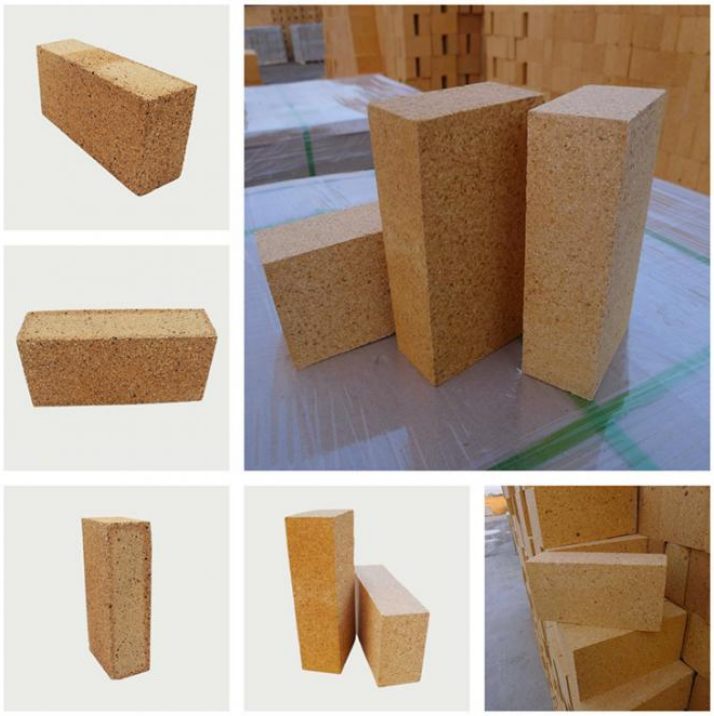

Product Features of High Quality Fire Clay Bricks

High refractoriness: Fireclay bricks can withstand temperatures of up to 1730°C (3146°F).
High strength: Fireclay bricks are strong and durable, and can withstand high compressive loads.
Low thermal conductivity: Fireclay bricks have a low thermal conductivity, which means that they heat up slowly and cool down slowly. This makes them ideal for use in applications where it is important to maintain a stable temperature.
Good resistance to chemical attack: Fireclay bricks are resistant to attack by most chemicals, including acids and alkalis.
Low shrinkage: Fireclay bricks have a low shrinkage rate, which means that they will not deform or crack when subjected to high temperatures.

Application of Competitive Price High Quality Fireclay Brick Sk34 Sk35 Sk36

Furance contruction

Blast furance/Hot blast stove

Steel foundries

Furnace in the nonferrous metal industry

Coke oven and gas furnace

Galss industry

Cement industry

Safty lining of ladle

Backup lining of boiler

Technical Data of Rongsheng Refractory Fire Clay Brick

Item	Fire Clay Brick SK-32	Fire Clay Brick SK-34	Fire Clay
Al2O3(%)	30	38	
Fe2O3 (%)	3	2.5	
Refractoriness (SK)	32	34	
Refractoriness under load, 0.2MPa, Ta, ((°C)	1300	1350	
Porosity (%)	22-26	19-23	2
Bulk density (g/cm³)	2.05	2.10-2.15	2.3
Cold crushing strength (MPa)	25	25	
Thermal expansion at 1000°C (%)	0.6	0.6	

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