

High Temperature Fire Resistant Clay Block Bricks For Tunnel Kiln

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: N-1, N-2a, N-2b, N-3a, N-3b, N-4, N-5, N-6
- 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: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons /month



Product Specification

- Acid Resistance: High
- Chemical Resistance: High
- Color: Yellow
- Cost: Moderate
- Durability: High
- Frost Resistance: High
- Heat Resistance: High
- Maintenance: Low
- Material: Clay
- Shape: Brick
- Size: Standard
- Texture: Smooth
- Water Resistance: High
- Weight: Heavy
- Highlight: Fire Resistant Fireclay Brick,



More Images



Product Description

Product Description of High Quality High Temperature Fire Resistant Clay Block Bricks For Tunnel Kiln

Fireclay bricks are a type of refractory brick made from fireclay, a type of clay that is high in aluminium and silicon oxides. This makes them very resistant to high temperatures, and they are often used in applications such as furnace linings, kiln floors, and fireplaces.

Fireclay bricks are typically made by molding fireclay powder into the desired shape and then firing them at high temperatures. This process fuses the clay particles together and creates a strong and durable brick.

Our Product Introduction



Here are some of the properties of fireclay bricks For Tunnel Kiln:

High temperature resistance: Fireclay bricks can withstand temperatures of up to 2,600 degrees Fahrenheit (1,427 degrees Celsius).

Chemical resistance: Fireclay bricks are resistant to most acids and alkalis.

Abrasion resistance: Fireclay bricks are very hard and durable, and they are resistant to wear and tear.

Thermal shock resistance: Fireclay bricks can withstand sudden changes in temperature without cracking.

Fireclay bricks are used in a wide variety of applications, including:

Furnace linings: Fireclay bricks are used to line the interior of furnaces to protect them from the high temperatures and corrosive gases produced by combustion.

Kiln floors: Fireclay bricks are used to construct the floors of kilns, which are used to fire pottery, glass, and other materials at high temperatures.

Fireplaces: Fireclay bricks are used to line the fireboxes of fireplaces and to construct the hearths.

Chimneys: Fireclay bricks are used to construct the linings of chimneys to protect them from the heat and corrosive gases produced by combustion.

Industrial applications: Fireclay bricks are used in a variety of industrial applications, such as cement kilns, steel mills, and power plants.

Fireclay bricks are an essential material for many high-temperature applications. They are strong, durable, and resistant to heat, chemicals, and abrasion.

Product Specification of High Quality Fire Resistant Clay Block Bricks For Tunnel Kiln

Items	Index						
	N-1	N-2a	N-2b	N-3a	N-3b	N-4	
Refractoriness, °C ≥	1750	1730	1730	1710	1710	1690	
Refractoriness Under Load, °C, [0.2MPa×0.6%] ≥	1400	1350	--	1320	--	1300	
Linear Change on Reheating, %	1400°C×2h	+0.1 -0.4	+0.1 -0.5	+0.2 -0.5	--	--	--
	1350°C×2h	--	--	--	+0.2 -0.5	+0.2 -0.5	+0.2 -0.5
Apparent Porosity, % ≤	22	26	24	24	26	24	
Cold Crushing Strength, MPa ≥	30.0	20.0	25.0	20.0	15.0	20.0	



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