

Industry Thermal Insulation Brick Furnace Lining Clay Insulation Brick

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou, Henan, China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: Rongsheng Clay Insulation Brick
- 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: 2000tons /month



Product Specification

- Chemical Resistance: Excellent
- Color: Red
- Compressive Strength: 20-30 MPa
- Durability: Excellent
- Fire Resistance: Excellent
- Flexural Strength: 2-3 MPa
- Material: Clay
- Shape: Brick
- Size: Standard
- Sound Insulation: Excellent
- Thermal Conductivity: 0.2-0.3 W/mK
- Thermal Shock Resistance: ≥ 10 Times
- Thermal Stability: ≥ 1000
- Thickness: 2-3cm
- Water Absorption: $\leq 20\%$

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Product Description

Introduction of Industry Furnace Lining Clay Insulation Brick

Insulation bricks are made of bauxite, mullite, kaolin and other raw materials, which are screened and evenly mixed with binders, and then fired at high temperature after pressing.

There are many types of lightweight insulation bricks, including fire clay insulation bricks, mullite insulation bricks, alumina hollow ball bricks, silicon insulation bricks, etc.

The insulation brick has the properties of high porosity, low thermal conductivity, light weight, thermal insulation, and Good thermal shock resistance. Mainly used in industrial equipment lining, insulation layer, kiln door backing, roof and other parts.

Features of Rongsheng Clay Insulation Fire Brick:

High Refractoriness. Can't contact with the flame directly.
 High Porosity
 Low Thermal Conductivity
 Low Bulk Density
 Good Thermal Shock Stability

Excellent Heat Insulating Effect And Energy -efficient
Corrosion And Erosion Resistance
Long Service Life

Application of Industry Furnace Lining Clay Insulation Brick

- 1.Reheating Furnace, Blast furnace
- 2.General Industrial Furnace etc, Coke Oven
- 3.Topedo Car, Cement Rotary klin
- 4.Various Rotary kiln, Chemical Reactor
5. Incinerator, Non Ferreous
- 6.MetalFurnace, Glass furnace



Parameter of Industry Furnace Lining Clay Insulation Brick

Item	Index					
	NG1.5	NG1.3	NG1.2	NG1.0	NG0.8	NG0.6
Bulk Density g/cm ³	≤1.5	≤1.3	≤1.2	≤1.0	≤0.8	≤0.6
Cold Crush Strength,MPa	≥6	≥5	≥4.5	≥3.5	≥2.5	≥1.3
Permanent Linear Change	-2~1					
Rate %	1400 ×12h	1350 ×12h		1300 ×12h	1250 ×12h	1200 ×12h
Thermal Conductivity W/(m·K) 350±25	≤0.65	≤0.55	≤0.50	≤0.40	≤0.35	≤0.25



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