

# Low Thermal Conductivity Refractory Fire Clay Brick Kiln Linings Fire **Bricks**

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## **Basic Information** • Place of Origin: Zhengzhou, Henan, China • Brand Name:

Rongsheng Xinwei

SK-30, SK-32, SK-34, SK-35

packed on wooden pallets, with water-proof cover, and tightened with plastic/steel bandages

200-800 USD

10-20 Days

2000 tons /month

TT; L/C

- Certification: ISO Certification
- Model Number:
- Minimum Order Quantity: 1 Ton
- Price:
- Packaging Details:
- Delivery Time:
- Payment Terms:
- Supply Ability:

## **Product Specification**

Abrasion Resistance:	High			
Chemical Resistance:	High			
Color:	Yellow			
Compressive Strength:	High			
<ul> <li>Density:</li> </ul>	High			
<ul> <li>Durability:</li> </ul>	High			
• Fire Resistance:	High			
<ul> <li>Flexural Strength:</li> </ul>	High			
<ul> <li>Material:</li> </ul>	Clay			
• Shape:	Rectangular			
• Size:	Standard			
• Surface:	Smooth			
• Texture:	Fine			
• Thermal Shock Resistance:	High			
<ul> <li>Water Absorption:</li> </ul>	Low			



## More Images



## **Product Description**

Introduction of High-Quality Refractory Fire Clay Brick With Low Thermal Conductivity For High Temperature Kiln Lining Refractory fire clay bricks are specialized bricks designed for use in high-temperature environments. Made from high-quality

fire clay materials, they possess excellent thermal and chemical resistance properties. These bricks are widely used in industries like steelmaking, glass production, ceramics, and more, where they line furnaces, kilns, and other equipment subjected to extreme heat and corrosive conditions. Their durability and resistance to high temperatures make them a critical component in various industrial processes.



### Features of Low Thermal Conductivity Refractory Fire Clay Brick

Low bulk density, low thermal conductivity, good thermal insulation performance.
 Refractory category allow direct contact of fire, suitable ofr various atmosphere
 Good integrity with furnace lining, long service life, easy operation, could be shaped freely

4. Product specification: standard form, normal standard, shaped and special shaped bricks. 5. Can be used in various kilns because of its cheapness and general tray package. Among all of the refractory materials, it is

the most widely used.

#### Advantages of High-Quality Refractory Fire Clay Brick With Low Thermal Conductivity

Rongsheng Refractory factory directly supply Competitive price, higher qualtiy Low MMO, Wholesale Only, Fast Delivery Abundant Experience. Prevent cracks and twist in bricks. Different Moulds. Save mould fees for you. Strict Quality Control. Meet clients' quality requirement. Large stocks. Guarantee prompt delivery. Professional Packing. Avoid damage and secure the goods in transportation

## Applications of Low Thermal Conductivity Refractory Fire Clay Brick

1. Furnaces of metallurgy industry, heat treatment furnace

Furnaces of chemical industry and construction industry.
 Furnace of incineration of garbage, recirculating fluidized bed furnace Standard sizing: 230 x 114 x 65 mm others up to the client

#### Product Specification of Low Thermal Conductivity Refractory Fire Clay Brick

Item/Grade		Fire clay brick				High alumina		
	SK-30	SK-32	SK-34	SK-35	SK-	36	SK-37	S
AL2O3% (≥)	30	35	38	45	55	5	65	
Fe2O3% (≤)	2.5	2.5	2.0	2.0	2.0	)	2.0	
Refractoriness(SK)	30	32	34	35	36	5	37	
Refractoriness under load, 0.2MPa, °C ( $\geq$ )	1250	1300	1360	1420	145	0	1480	1
Apparent porosity (%)	22-26	20-24	20-22	18-20	20-2	23	20-23	2
Bulk density (g/cm <sup>3</sup> )	1.9-2.0	1.95-2.1	2.1-2.2	2.15-2.22	2.25-	2.4	2.3-2.5	2.
Cold crushing strength ,MPa (≥)	20	25	30	40	45	5	50	
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