

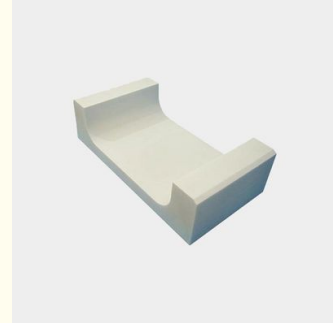
Industrial Furnace Fused Corundum Brick Kiln Fire Brick Wear Resistant

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Fused Cast α Corundum Bricks, Fused Cast β Corundum Bricks, Fused Cast α - β Corundum Bricks
- 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: 20-30DAYS
- Payment Terms: TT; L/C
- Supply Ability: 2000tons /month



Product Specification

- Al₂O₃ Content: $\geq 90\%$
- Bending Strength: 200MPa
- Color: Red
- Compressive Strength: 300MPa
- Density: 3.85g/cm³
- Material: Corundum
- Porosity: $\leq 20\%$
- Product Name: Corundum Brick
- Refractoriness: 1790
- Refractoriness Under Load: 1450
- Shape: Brick
- Size: Customized
- Softening Temperature: 1400
- Thermal Conductivity: 1.2W/m.K
- Thermal Expansion: $4.5 \times 10^{-6}/K$

Our Product Introduction

Product Description

Customized Fused Corundum Brick Kiln Fire Brick Wear-resistant Corundum Refractory Bricks For Industrial Furnace
Fused corundum bricks are highly sought-after due to their exceptional properties and are primarily composed of corundum as the main crystalline phase. The Alumina content of **Fused Corundum Brick** is greater than 90%, are the hot selling product of Rongsheng Group.



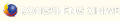
Applicaition of Fused Corundum Brick

Fused corundum bricks are used in industries where extreme temperatures and corrosive environments are prevalent. Key

applications include lining steelmaking furnaces, glass melting furnaces, ceramics kilns, chemical reactors, cement rotary kilns, non-ferrous metal furnaces, and power generation systems, among others. Their high compressive strength, resistance to acidic or alkaline substances, and ability to withstand temperatures over 1700°C make them indispensable in high-temperature industrial processes.

Parameters of Fused Corundum Brick

Item	Index		
	Fused Cast α Corundum Bricks	Fused Cast β Corundum Bricks	Fused Cast α-β
Al ₂ O ₃ %	98	92	9
Na ₂ O %	1.0	6.5	4
SiO ₂ +CaO+Fe ₂ O ₃ +TiO ₂ %	≤1.0	≤1.5	≤
α-Corundum %	90	2	4
β-Corundum %	4	97	!
Glass Phase %	6	1	
Bulk Density (Dense part) g/cm ³	3.3	3.1	3
Cold Crushing Strength MPa	200	50	2
0.2Mpa Refractoriness Under Load	1700	1700	
Static Resistance To Liquid Glass Erosion Depth mm/24h Ordinary Soda Lime Glass 1350 ×48h	/	/	(



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