

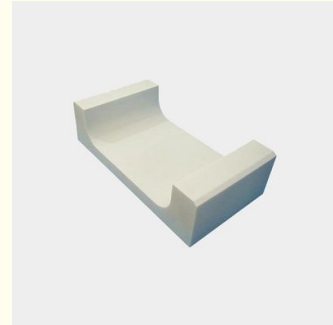
Fused Corundum Bricks For High Temperature Furnace Lining

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO Certification
- Model Number: Fused Cast α Corundum Bricks, Fused Cast 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

- Application: High Temperature Furnace Lining
- Color: White
- Compressive Strength: $\geq 100\text{MPa}$
- Density: $3.85\text{-}3.95\text{g/cm}^3$
- Flexural Strength: $\geq 20\text{MPa}$
- Material: Corundum
- Packaging: Carton Box
- Product Name: Corundum Brick
- Refractoriness: ≥ 1790
- Shape: Brick
- Size: Customized
- Thermal Conductivity: $\leq 1.2\text{W/m.k}$
- Thermal Expansion: $\leq 2.0 \times 10^{-6}/$
- Thermal Shock Resistance: $\geq 20\text{times}$
- Highlight: **Fused Corundum Bricks.**

Product Description

China Manufacturer Supply Fused Corundum Bricks At Good Factory Price
Description of Fused Corundum Bricks

Fused α -corundum brick is mainly composed of $\alpha\text{-Al}_2\text{O}_3$, which has high temperature resistance, strong alkali resistance, compact structure, excellent chemical stability, strong wear resistance, and is far more resistant to various slags than other aluminum silicates. It is an ideal material for metallurgical electrolytic cells and sliding rail bricks for heating furnaces.

Fused β -corundum bricks are mainly composed of $\beta\text{-Al}_2\text{O}_3$, with dense structure and strong spalling resistance, especially showing extremely high corrosion resistance to strong alkali vapor, no pollution to molten glass, and are used for upper structures with less glass raw materials scattered.

Fused $\alpha\text{-}\beta$ corundum brick is composed of about 50% of $\alpha\text{-Al}_2\text{O}_3$ and $\beta\text{-Al}_2\text{O}_3$. The two crystals interlace to form a dense structure, which has excellent alkali resistance, and the corrosion resistance of molten glass is comparable to that of AZS bricks and does not pollute the glass liquid. , Mainly used for high-grade glass furnace working pool wall and pavement, forehearth and passage, etc.

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Parameters of Fused Corundum Bricks

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	/	/	(



Henan Rongsheng Xinwei New Materials Research Institute Co., Ltd



+86-18538509097



Jackyhan2023@outlook.com



bricksrefractory.com

11th Floors, Building 6, China Central Electronic Commerce Port, Daxue Road, Zhengzhou, Henan, China