

Accurate Size Silica Bricks Furnace Refractory Brick For Various High-temperature Kilns

Our Product Introduction

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Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: BG-96A, BG-96B, BG-95A, BG-95B
- 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: 10-20 Days
- Payment Terms: TT; L/C
- Supply Ability: 2000 tons/month



Product Specification

- Size: 230x114x65mm
- Alkali Resistance: $\geq 85\%$
- Temperature: High
- Apparent Porosity: $\leq 22\%$
- Usage: Lining Of Industrial Furnaces
- Flexural Strength: $\geq 10\text{MPa}$
- Permanent Linear Change: Low
- Surface: Smooth, Rough, Etc.
- Modle: As Required
- Shape: Rectangular
- Thermal Shock Resistance: ≥ 15 Times
- Refractoriness Under Load: > 1400
- Corrosion Resistance: High
- Condition: Brand New
- True Density: $\leq 2.33 \text{ G/cm}^3$



More Images



Product Description

Product Specification of High Quality Best Price Accurate Size Refractory Silica Bricks

The silica bricks are the main fire-resistant material of coke oven. In order to keep its high quality, we use the high purity quartz with the multistage batching and best grain matching, our semi-manufactured goods are produced by the pressing machine.

The bottom, Wall and top bricks are produced by 500tons bricks pressing machine. Every semi-manufactured and finished product-s are examined according to the national standard and marked it according to the tolerance.

silica bricks are used for coke and annealing furnace, covering the walls of the furnaces, in high heat areas of melting furnaces.

Our Product Introduction



Features And Advantages of Refractory Silica Brick:

- 1) Silicon oxide is above 95%.
- 2) Good acid erosion resistance.
- 3) High softening point with temperature.
- 4) No shrink in burn repeatedly.
- 5) Temperature of refractoriness under load is above 1650° C Stable Capability, High Quality, Excellent Service, Competitive price is the most important advantage of our products.

Application of Silica Refractory Bricks

Silica refractory bricks are widely used in industries where high temperatures and corrosive conditions are present, such as:

Metallurgy: Silica bricks line the walls of furnaces and converters in steelmaking plants, where they withstand the intense heat and chemical reactions involved in the production of steel.

Glassmaking: They are used in the construction of glass melting tanks and furnaces due to their ability to resist the high temperatures required for glass production and their resistance to the corrosive effects of molten glass.

Ceramics: Silica bricks are employed in kilns and other ceramic manufacturing equipment to provide thermal insulation and resistance to the harsh conditions present during firing processes.

Petrochemicals: Refractory linings in petrochemical plants, such as those found in cracking units and reformers, utilize silica bricks to withstand the extreme temperatures and corrosive environments encountered during the production of various petrochemical products.

Power generation: Silica refractory bricks are used in the construction of boilers and furnaces in power plants to withstand the high temperatures generated during the combustion of fuels and to provide insulation for efficient energy production.

Physical And Chemical Indicators:

Item	Silica brick for coke oven		Silica brick for glass kin		
	Furnace bed	others	BG-96A	BG-96B	BG-95A
SiO ₂ % ≥	94		96	96	95
Fe ₂ O ₃ %≥	/		0.8	1	1.2
0.2MPa RUL°C ≥	1650		1680	1670	1660
FUSION INDES:	/		0.5	/	0.7
one BRICK<20kg	/		0.6	/	0.7
one BRICK ≥20kg					
True density g/cm ³ ≤	2.34 2.35		2.34		
PLC % 1450°C×2h	+0.2 0		/		
AP % ≤	22(23)	24	22(24)		
Thermal expansion 1000°C % ≤	1.28	1.3	/		
CCS MPa ≥	30	25	35(30)		
one brick<20kg			30(25)		
one brick≥20kg					



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