Alkali Resistance Alumina Silica Fire Brick Custom Silica Refractory Brick For Glass Furnace

Our Product Introduction

Basic Information

- Place of Origin: Zhengzhou
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: Furnace bed, 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

- Al2O3 Content: 60-90%
- Alkali Resistance: High
- Alumina Content: Above 45%
- Aluminum Content: ≤75%
- Bending Strength: ≥25MPa
- Carbon Content: ≤1.5%
- Cold Crushing Strength: 40-80 MPa
- Color: White Or Light Yellow
- Feature: High Refractoriness, Good Thermal Shock Resistance, High Strength
- Material: High Alumina
- Origin: Xinmi
- Refractoriness Under Load: ≥1450
- Sample: Free
- Softening Point: High

More Images

Our Product Introd

Product Description

Factory Price Silica Refractory Brick Alumina Silica Fire Brick Custom Silica Bricks For Glass Furnace

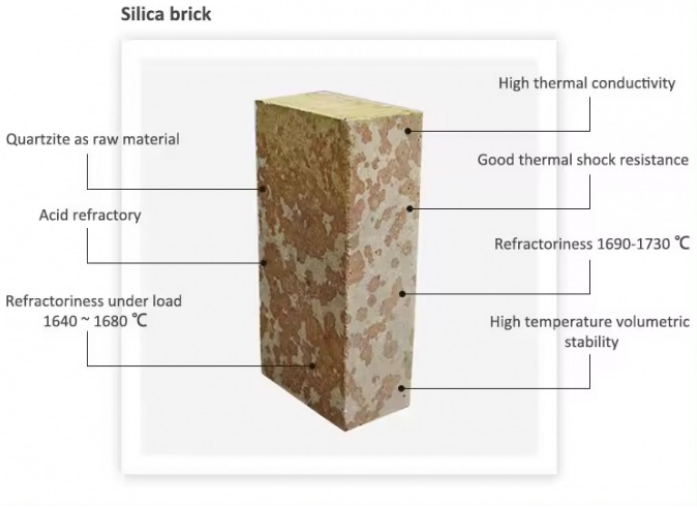
Description of Factory Price Silica Refractory Brick

The main components are tridymite, cristobalite and a small amount of residual quartz, acidic refractory materials in glass phase.The silica content is above 94%. The true density is 2.35g/cm3. It has the performance of resisting acid slag corrosion. Higher high temperature strength. The initial temperature of softening under load is 1620~1670 . Long-term use under high temperature without deformation. Low thermal shock stability (heat exchange in water is 1 to 4 times). Natural silica is used as raw material, and an appropriate amount of mineralizer is added to promote the conversion of quartz into tridymite in the green body. Fire slowly at 1350~1430°C under reducing atmosphere. When heated to 1450°C, a total volume expansion of 1.5~2.2% will occur, and this residual expansion will make the cuts tightly bonded together to ensure good air tightness and structural strength of the masonry.

20 Years experience in refractories, Stable Capability, High Quality, Professional Refractory Technical Team, Provide Free Sample For Testing, Excellent Service, Competitive Price is the most important advantage of our products.

Features Alumina Silica Fire Brick

1. Excellent chemical attack resistance, slag resistance and acid resistance;
2. No pollution to products (such as molten glass, etc.); The main component of silicon brick is SiO2, and if there are blocks or surface droplets during use, the quality of molten glass will not be affected.
3. Excellent thermal stability, the product will not explode during hot repair, and the repair operation can be carried out directly;
4. High temperature volume stability, no shrink in burn repeatedly.
5. Small bulk density. The mass of the furnace can be reduced.
6. After repair (hot repair), there will be no peeling and other phenomena, and it is safe and reliable for long-term use;



Applications of Alumina Silica Fire Brick

Silica bricks are mainly used for the partition walls of the carbonization chamber and combustion chamber of coke ovens, the regenerative chamber of steel making open hearth furnaces, soaking pits, refractory materials of glass furnaces, Tunnel kilns, rotary kilns, metallurgical furnaces,and ceramic firing kilns, as well as other load-bearing parts of kilns. It is also used for high-temperature load-bearing parts of hot air furnaces and acidic open hearth furnaces.

Silica bricks are also widely used in construction and equipment in chemical, petroleum, pharmaceutical and other industries.

Product Paramenters Of Alumina Silica Fire Brick For Glass Furnace

Item	Silica brick for coke oven		Silica brick for glass kiln		
	Furnace bed	others	BG-96A	BG-96B	BG-95A
SiO2% ≥	94		96	96	95
Fe2O3 %≥	/		0.8	1.0	1.2
0.2MPa RUL℃ ≥	1650		1680	1670	1660
FUSION INDES: one BRICK<20kg one BRICK ≥20kg	/ /		0.5 0.6	/ /	0.7 0.7
True density g/cm3 ≤	2.34	2.35	2.34		
PLC % 1450℃×2h	+0.2	0	/		
AP % ≤	22(23)	24	22(24)		
Thermal expansion 1000℃ % ≤	1.28	1.30	/		
CCS MPa ≥ one brick<20kg one brick≥20kg	30	25	35(30) 30(25)		

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