

Furnace Al₂O₃ Sillimanite Brick High Alumina Fire Brick

Our Product Introduction

for more products please visit us on bricksrefractory.com

Basic Information

- Place of Origin: Zhengzhou ,China
- Brand Name: Rongsheng Xinwei
- Certification: ISO9001
- Model Number: GXSZ-1, GXSZ-2, GXSZ-3, GXSZ-4
- 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: Furnace
- Bulk Density: High
- Chemical Resistance: High
- Cold Crushing Strength: High
- Color: Gray
- Density: High
- Material: Alumina-Silica
- Porosity: Low
- Refractoriness: High
- Refractoriness Under Load: High
- Resistance To Slag Attack: High
- Shape: Brick
- Size: Standard
- Thermal Conductivity: Low
- Thermal Shock Resistance: High

Product Description

Factory Price Al₂O₃ Sillimanite Refractory Brick Price High Alumina Fire Brick For Sale
Description of Sillimanite Bricks:

Sillimanite bricks are sillimanite mineral based refractory bricks produced by high temperature sintering method or slurry casting method. Sillimanite bricks manufacturing have very good high temperature performance. Sillimanite is natural high grade refractory mineral, it features in low thermal expansion rate, good molten slag corrosion resistance and glass liquid corrosion resistance, excellent high temperature abrasion resistance and so on. After high temperature calcining, sillimanite will transform into mullite and free SiO₂. Sillimanite bricks and mullite bricks have higher refractoriness under load compared with fireclay bricks. Sillimanite bricks have dense structure, when applied in glass furnaces, glass liquid is not tend to form bubbles. So sillimanite bricks are definitely suitable for feeding canister, clay barrel, former block and feeder bowl.

Sillimanite Refractory Bricks Advantages:

1. Good thermal stability, low thermal expansion rate;
2. Slag has good corrosion resistance;
3. Body dense, resistant to glass corrosion;

Our Product Introduction

4. High temperature resistance;
5. High softening temperature under load.

Dimensions of Sillimanite Refractory Brick

The standard size of it is 230*114*65mm; and 230*114*76mm, 230*114*32mm, etc are also common used. Except for the common sizes, some special shapes could be customized according to the customers' requirements

Applications For Sillimanite Refractory Brick :

Sillimanite brick mainly used for the molding of liquid hole in glass pool kiln, blast furnace lining, furnace throat and ceramic industrial kiln furniture. The refractory materials based on natural sillimanite also have these advantages. Therefore, sillimanite refractories are widely used in metallurgy, chemical and building materials industries

Specification of Sillimanite Refractory Brick:

Item	GXSZ-1	GXSZ-2	GXSZ-3	GXSZ-4
Al ₂ O ₃ %	56.4	59.3	64.5	65.0
Fe ₂ O ₃ %	0.96	0.80	1.0	0.8
SiO ₂ %	39.5	38.1	33.4	31.0
CaO %	0.28	0.08	/	/
K ₂ O %	0.51	0.24	0.4	0.4
Bulk density g/cm ³	2.36	2.34	2.58	2.5
Apparent porosity %	/	20.8	16.2	21.0
Refractoriness s under load °C	/	1620	1650	1550
Modulus of rupture Mpa	/	60	70	/
Thermal expansion coefficient %	/	5.5	6	6.0



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