

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Sillimanite Bricks for Blast Furnace



1,Product description:

Sillimanite is a natural high-grade refractory mineral with low thermal expansion rate, resistance to corrosion of metallurgical slag and various glass liquids, and good high temperature wear resistance.

Using natural sillimanite as raw material and fused mullite as secondary material, the compact sillimanite brick produced has good thermal shock stability at high temperature, erosion resistance and high temperature stability, and is widely used in glass tank kiln and blast furnace lining.

2,Index:

Item	JMSS
Al ₂ O ₃ %	65-75
Al ₂ O ₃ +SiO ₂ %	>98
Fe ₂ O ₃ %	<0.5
Refractoriness °C	>1790
Refractoriness under load °C	≥1600
Apparent Porosity %	≤15-22
Bulk Density g/cm ³	2.5-2.65
Cold crushing Strength Mpa	>70
Permanet liner change on reheating	±0.1

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1400℃×2h	
Thermal Shock Resistance	>20

3.Product features:

- 1) High purity, $Fe_2O_3 \leq 0.5\%$
- 2) The main crystal phase of the product is sillimanite mullite, with good peeling resistance
- 3) High density, good resistance to erosion and scour of glass liquid
- 4) High stability at high temperature
4. Main applications: glass furnace, blast furnace and other high temperature smelting furnace, heat treatment furnace, etc
5. We are a professional supplier who can provide free technical and application answers for customers
6. The product has good use effect and has been exported to Iran, Brazil, the United States, South Africa and other countries

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

Then let's contact with jinggan company

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