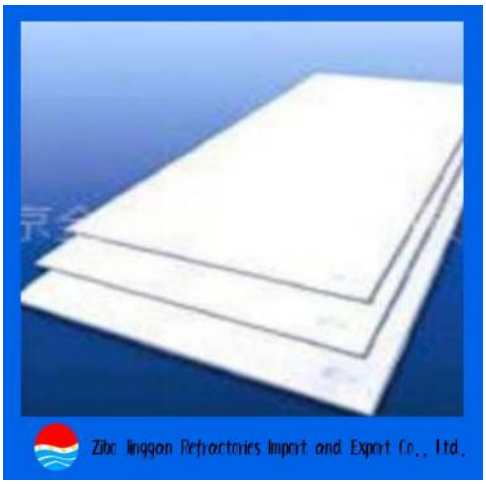
ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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High Temperature Heat Insulation Silicon Calcium Board



1,Description of High Temperature Heat Insulation Silicon Calcium Board

The forming method of the product is different from that of medium temperature calcium silicate product. It is a dynamic hydrothermal synthesis method. The ratio of calcium oxide to silicon dioxide in medium temperature product is about 0.8, and the ratio of calcium oxide to silicon dioxide in high temperature product is about 1.0. The final chemical in the qualified product is calcium silicate, and the use temperature is 1000-1100℃.

2,Index of High Temperature Heat Insulation Silicon Calcium Board

Item	JSC-2
Al2O3 %	0.6
SiO2 %	47
CaO %	39-41
MgO %	1.0
Bulk density g/cm3	240±10
Burning vector %	10-12
Flexural strength Mpa	≥0.5
Compressive strength Mpa	≥1.0

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Thermal conductivity 100℃ W/M·K	≤0.065
Working temperature ℃	1100

3,Additional notes:

1)The additives included sodium silicate, silica-aluminium powder and silica ultrafine powder, among which sodium silicate was a coagulant and silica-calcium powder and silica ultrafine powder played a crystallizing role.

2)The product has supporting function and is widely used in the intermediate layer of equipment in metallurgical industry, which has thermal insulation effect.

4,Features of High Temperature Heat Insulation Silicon Calcium Board:

The product has stable physical and chemical properties, high temperature resistance, low thermal conductivity, good heat and sound insulation effect, high strength, 100% asbestos-free, no toxic and harmful gases produced at high temperature, no harmful effects on the surrounding environment, is an environmental protection product, the product can be arbitrarily cut and used, construction is convenient.

The main raw materials of the products are siliceous materials (quartz powder, diatomite), calcareous materials (lime, cement) and reinforcing fibers (pulp fibers). after mixing various raw materials, it is made through pulping,billet making, steam curing, surface sanding and other processing procedures.

5.Good feedback of product use effect,the products have been exported to Australia, Oman,Mexico

6.We are a professional supplier, who can provide customers with free product technology, use and other issues.

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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