

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Medium Temperature Heat Insulation Silicon Calcium Board



1,Description of Medium Temperature Heat Insulation Silicon Calcium Board

The product is made of diatomite powder and lime powder, reinforced fibers and a small amount of additives. There is no asbestos in the product, so the product is non-toxic and pollution-free. The manufacturing method of the product is heating gel method (also called static method). The temperature is 650℃ -850℃. The product has a capacity of 220kg/m³, small capacity, high strength, low thermal conductivity, convenient construction and low loss rate.

2,Index of Medium Temperature Heat Insulation Silicon Calcium Board

Item	JSC-1
Al ₂ O ₃ %	0.6
SiO ₂ %	47
CaO%	39-41
MgO%	1.0
Bulk density g/cm ³	220±5
Burning vector%	10

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Flexural strength Mpa	≥ 0.32
Compressive strength Mpa	≥ 0.60
Thermal conductivity 100°C W/M·K	≤ 0.062
Working temperature °C	850

3,Additional notes:

- 1)The product is large blocky,the specification size is generally (1000*600*25(50)) mm
- 2)The main crystalline phase of the product is tobermlite.
- 3)The product has high porosity and needs to be stored in moistureproof environment.

4,Features of Medium 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.

5,Application:It is widely used in heat insulation field of metallurgical industry, petrochemical industry, electric power and other equipment.

The color of Medium Temperature Heat Insulation Silicon Calcium Board is grey and white. It is packed in fumigated wooden cases.

6.Good feedback of product use effect,the products have been exported to the United States, Kenya, Mexico

7.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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