

Ceramic Fiber Module

ROSEWOOL Ceramic Fiber Modules are made from the corresponding ceramic fiber material acupuncture blanket processed in dedicated machines according to fiber component structure and size. Ceramic fiber folded modules is directly fixed in industrial furnaces shell plate by various anchorage.

Anchor available -- S304, S310

Products Features:

- Faster temperature cycling
- Lower heat storage
- Lower fuel costs,energy savings
- Increased productivity
- Low heat loss
- Lower installed cost,easy to install
- Easier repairs,Requires less maintenance
- Resistance to thermal shock
- Fast thermal cycling (heat up/cool down)



Technical data of ceramic fiber module:

| Type | | STD Module | HP Module | HZ Module |
|--------------------------------|------------------------------------|--|-----------------------|-----------------------|
| Classified Temperature | | 1260°C (2300°F) | 1260°C (2300°F) | 1430°C (2606°F) |
| Working Temperature | | 1050°C (1922°F) | 1100°C (2012°F) | 1350°C (2462°F) |
| Density(kg/m ³) | | 160-260 (13-16 lb/ft ³) | | |
| Linear Shrinkage 24hrs | | ≤2.5 1000°C/2012°F | ≤2.5 1100°C/2012°F | ≤3.5 1350°C/2462°F |
| Thermal Conductivity(W/m.k) | 400°C (752°F) | 0.09 | 0.101 | 0.118 |
| | 500°C (930°F) | 0.119 | 0.12 | 0.149 |
| | 600°C (1112°F) | 0.152 | 0.175 | 0.195 |
| Chemical Composition % | Al ₂ O ₃ | ≥44 | ≥45 | ≥34 |
| | SiO ₂ | ≥52 | ≥54 | ≥50 |
| | ZrO ₂ | | | ≥15 |
| | Fe ₂ O ₃ | ≤1.0 | ≤0.5 | ≤0.5 |
| | K ₂ O+Na ₂ O | ≤1.0 | ≤0.2 | ≤0.2 |
| Size | | 300/600*300*200-350 mm | | |
| Packing | | plastic bag together with Carton or Pallet | | |

Application of ceramic fiber module:

Used as thermal lining for all types of high temperature processing equipment such as:

- Stress relieving furnaces
- Reheat furnaces
- Annealing furnaces
- Process heater linings
- Heat treating furnaces
- Furnace, kiln and boiler linings

- Incineration equipment and stack linings
- Soaking pit covers
- Ladle covers
- Ethylene furnaces
- Forge furnaces
- Tunnel kilns
- Feed heaters
- Shuttle kilns

Production for Ceramic Fibers

Ceramic Fiber Module



Our advantage :

- ❖ **Half century's experience:** professional insulation material and good reputed manufacturer for half past century.

- ❖ **20 years' exporting history:** 20 years' history and clients from all over the world such as : America, Europe, Australia, Africa, such as:USA ,CANADA,UAE,VIETNAM

- ❖ **our partner corporation:** CONCH CEMENT, CNBM , SINOMA, CUCC, LAFARGE, CHALCO, DATANG, POWERCHINA, CITIC, MORGAN, UNIFRAX , ROCKWOOL, RHI, REFRA.

- ❖ **Authorized certification:** CE(IT021431SS161216), ISO (04815Q20116ROS)

- ❖ **One-stop service:** rock wool ,glass wool, calcium silicate board , refractory cement, castables could be offered for you .

Rosewool Insulation Refractory Co.,Ltd

Email: sales@rosewool.com

Phone/ Whatsapp: +86 13674954566

No. 366, Nanmi New Road, Xinmi City, Henan Province

www.rosewoolinsulation.com