

HENGRUI H-TEMPERATURE ENERGY-SAVING MATERIALS CO.,LTD

Zheshang Industrial Park. Xiping county. Zhumadian City, China.

TELL: 0396—6278666 Email: thermalinsulation@icloud.com www.ceramicfiberfactory.com

Ceramic Fiber Module

The ceramic fiber module is made by blanket on the special machine according to the part size. In the processing, a certain proportion of compression is maintained to ensure the gap between module are sealed after installation.

Technical Data of Ceramic Fiber & Aluminum Fiber Module

ITEM	1200AES	1260HP	1430Zr	1500	1600
Classification temp. °C (°F)*	1200 (2192)	1260 (2300)	1430 (2606)	1500 (2732)	1600 (2912)
Continuous duty temperature, °C (°F)	1000 (1832)	1060 (1940)	1200 (2192)	1350 (2462)	14 (2732)
Density approx. kg/m ³	192/220	192/220	192/220	192/220	160
Linear shrinkage, % (24 hours at max. continuous duty temperature)	≤4	≤4	≤4	≤4	≤4
Guide analysis, %					
CaO	26-33	—	—	—	—
MgO	3-7	—	—	—	—
Al ₂ O ₃	—	45	50	45	72
SiO ₂	62-68	43	35	52	28
ZrO ₂	—	—	15-17	3	—
Cr ₂ O ₃	—	—	—	—	—
Thermal conductivity, W/m.K					
At 600 °C (390°F)	0.13	0.15	0.15	0.09	0.15
At 800 °C (390°F)	0.21	0.21	0.21	0.15	0.32
At 1000 °C (390°F)	0.29	0.3	0.31	0.27	0.46

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*Classification temperature of the fibers used

The Product Feature

- 1.The ceramic fiber module installation can be parallel type and parquet type
- 2.Good elasticity , can fill the deformation of the furnace shell, no gap between modules.
- 3.Low thermal conductivity.
- 4.The ability to resist thermal shock.
- 5The lining no need to dried and maintained, can use immediately after Installation.
- 6The anchor system is far to hot face, stay in low temperature.
- 7Different anchor system to installation.

The Product Specification

Dimension	Length(mm)	Width(mm)	Thickness(mm)	Packing
Standard Size	300	300	200	Cartons or Pallet
	600	300	200	
	1200	300	200	
	300	300	300	
	600	300	300	
	1200	300	300	

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*Thickness, length and width are to be Negotiated



Folding Module

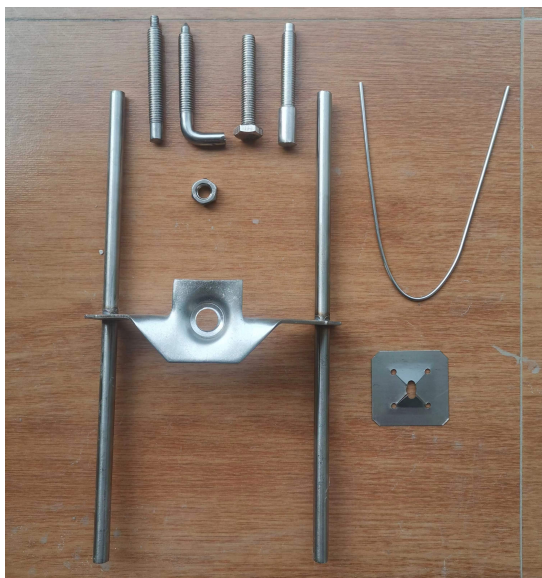


Stacked Modules



Plastic Encapsulation Module

Anchoring System Ceramic Fiber Module Classification

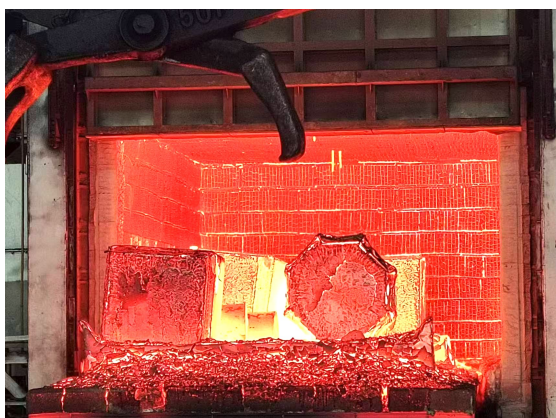


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Typical Application



Regenerative forging heating furnace
capacity:80m³

