

Ceramic Fiber Module

Description

INSUL – CFModule is manufactured from ceramic fibers blanket suitable for industrial applications to withstand temperatures of up to 2600°F. The modules are specially designed to meet or improve the thermal insulation requirements of industry furnaces.

INSUL – CFModule are produced with various anchor systems to enable quick, easy and efficient installation in most furnace lining.

Classifications

INSUL – CFModule STD
 INSUL – CFModule HPS
 INSUL – CFModule HTZ

Features

Low shrinkage
 Low thermal conductivity
 Low heat storage

Applications

Petrochemical
 Metallurgy
 Steel industry
 Ceramic
 Refining
 Power plant
 Glass

Specifications

4" x 12" x 12"
 6" x 12" x 12"
 8" x 12" x 12"
 10" x 12" x 12"
 12" x 12" x 12"

Other specification is available according to customer's requirement.



Classification	STD	HPS	HTZ
Classification Temp(°F)	2300	2300	2600
Color	White	White	White
Density(lbs/ft ³)	10/16	10/16	10/16
Linear Shrinkage (%) (24hrs)	≤-3 (1832°F)	≤-2.5 (2012°F)	≤-2.5 (2462°F)
Chemical Composition (%)			
Al ₂ O ₃	43-45	44-46	34-36
Al ₂ O ₃ + SiO ₂	≥97	≥99	
Al ₂ O ₃ + SiO ₂ + ZrO ₂			≥99
ZrO ₂			15-17
Fe ₂ O ₃	0.20	0.15	0.15
Na ₂ O + K ₂ O	0.20	0.15	0.15