

Vacuduct® Physical Properties

2300° Fiber

Maximum Temperature Rating	2300° F
Continuous Use Limit	2150° F
Color	Off White
Density, pcf	20-25
MOR (psi)	100 - 150
Fiber Chemistry	
Al ₂ O ₃	45 - 51%
Silica	49-55%
Thermal Conductivity Btu•in./hr•ft²•°F	
Mean Temp @ 500° F	0.47
@ 1000° F	0.71
@ 1500° F	1.04
@ 2000° F	1.52
Nominal Linear Shrinkage	
@ 1500° F	1.4
@ 1800° F	2.4
@ 2000° F	2.8

2600° Fiber

Maximum Temperature Rating	2600° F
Continuous Use Limit	2400° F
Color	Off White
Density, pcf	16 – 20
MOR (psi)	100 - 150
Fiber Chemistry	
Al ₂ O ₃	32-38%
Silica	47-53%
ZrO ₂	10-16%
Thermal Conductivity Btu•in./hr•ft²•°F	
Mean Temp @ 500° F	.46
@ 1000° F	.69
@ 1500° F	1.02
@ 2000° F	1.49
Nominal Linear Shrinkage	
@ 2000° F	2.0
@ 2200° F	2.6
@ 2400° F	4.0

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