



CERAMIC FIBER MODULE Typical Parameters

Description	STD Module	HP Module	HZ Module
Classification Temperature (°C)	1260	1260	1430
Density (kg/m ³)	220	220	220
Chemical Composition (%)			
Al ₂ O ₃	>>44	>>45	>>34
SiO ₂	>>52	>>54	>>50
Fe ₂ O ₃ , TiO ₂	<<1.0	<<0.5	<<0.5
Zr ₂ O			>>15
K ₂ O+Na ₂ O+Fe ₂ O ₃	<<1.0	<<0.2	<<0.2
Physical Properties			
Linear Shrinkage after Heating (%)	1000°C x 24h<<2.5	1100°C x 24h<<2.5	1350°C x 24h<<2.5
Thermal Conductivity (W/m.k)			
400°C	0.090	0.101	0.118
500°C	0.119	0.120	0.149
600°C	0.152	0.175	0.172

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