



CERAMIC FIBER BLANKET

Typical Parameters

Description	STD Blanket	HP Blanket	HZ Blanket
Classification Temperature (°C)	1260	1260	1430
Density (kg/m ³)	96,128	96,128,160	96,128,160
Fiber diameter (µm)	3.5	3.5	3.5
Shot Content (%)	<<15	<<15	<<12
Linear Shrinkage after Heating (%)	1000°C 24h<2.5	1100°C 24h<2.5	1350°C 24h<2.5
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
Thermal Conductivity (W/m.k)			
400°C	0.090 0.095	0.124 0.114 0.101	0.138 0.122 0.118
500°C	0.119 0.123	0.145 0.135 0.120	0.179 0.153 0.149
600°C	0.152 0.158	0.202 0.191 0.175	0.233 0.184 0.172
Tensile Strength (Mpa)	0.040 0.050	0.050 0.060 0.075	0.050 0.060 0.075

We updated the products information constantly and confirmed with us or our distributor the validity of the current data sheets herein the TDS before relying on any data or other information in this product information sheet. A product sheet that has been superseded may contain incorrect, obsolete and /or irrelevant data and other information.

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