

Product Data Sheet

Properties	STD Blanket			HZ Blanket		
Colour	White			White		
Classification Temperature, °C (°F)	1260 (2300)			1430 (2600)		
Continuous Use Temperature, °C (°F)	1180 (2150)			1315 (2400)		
Melting Temperature, °C (°F)	1760 (3200)			1760 (3200)		
Density, Kg/m ³ , ASTM C167	64, 96, 128, 160			64, 96, 128, 160		
Fiber Diameter, µm	3-6			3-6		
Tensile Strength, KPa, BS EN 1094-1						
64	>25			>25		
96	>45			>45		
128	>60			>60		
160	>70			>70		
Shot Content, %						
D> 45 µm, Mesh> 325	<50			<50		
ASTM C1335, D>140 µm, Mesh> 100	<15			<15		
Linear Shrinkage, %, BS EN 1094-1	Amb. Temp. Up to 1100 °C @ 24hr <4			Amb. Temp. Up to 1300 °C @ 24hr <4		
Chemical Analysis, %						
Silica, SiO ₂	54-59			48-52		
Alumina, Al ₂ O ₃	43-50			35-37		
Zirconia, ZrO ₂	-			13-17		
Fe ₂ O ₃	<0.5			<0.2		
K ₂ O + Na ₂ O	<0.2			<0.2		
Thermal Conductivity, W/m.K, ASTM C201						
	64	96	128	64	96	128
204 °C	0.07	0.06	0.06	0.11	0.08	0.07
427 °C	0.12	0.11	0.1	0.13	0.11	0.1
649 °C	0.2	0.16	0.15	0.19	0.15	0.12
871 °C	0.3	0.21	0.19	0.23	0.17	0.16
1093 °C	0.4	0.3	0.26	0.41	0.32	0.24
Standard Size, mm	29280*610*6					
	18500*610*10					
	14640*610*12.5					
	9760*610*19					
	7320*610*25					
	4880*610*38					
	3600*610*50					