



TECHNICAL DATA SHEET

Product Description: CERAMIC FIBRE BLANKETS Long fibre length and larger fibre diameter. High strength, light-weight, flexible needled blanket.				
Chemical Analysis:				
Al ₂ O ₃	[%]			46.0%
SiO ₂	[%]			51.0%
CaO	[%]			
FeO ₃	[%]			1.0% max
K ₂ O + Na ₂ O	[%]			0.5% max
Physical Properties:				
Max. Service Temperature	[°C]	1260°C		
Bulk Density	[Kg/m ³]	96kg/m ³ 128kg/m ³		
Permanent linear shrinkage (1000°Cx24hr, 128kg/m ³)		-3%		
Thermal Conductivity (96kg/m ³ and 128kg/m ³)	[W/mK]	(96kg/m³) @400°C 0.11 W/m.k @800°C 0.23 W/m.k @1000°C 0.32 W/m.k	(128kg/m³) @400°C 0.09 W/m.k @800°C 0.176 W/m.k @1000°C 0.22 W/m.k	
Bending strength (128kg/m ³)	[Mpa]	0.04	0.04	
Shot Content	[%]	50.8%	50.8%	
PACKING	In carton box, plastic lined. Size per roll : 7300x610x12.5, 25mm			
STORAGE	In dry and weather proof stores.			
The above results are typical, subject to normal statistical variations and not for specification purposes.				