

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	Size per roll: 1000x610x25mm 7300x610x25mm 3650x610x50mm
Bulk Density	[Kg/m ³]	96kg/m ³	
Permanent linear shrinkage (1000°Cx24hr, 128kg/m ³)		-3%	
Thermal Conductivity (96kg/m ³ and 128kg/m ³)	[W/mK]	<u>(96kg/m³)</u> @400°C 0.11 W/m.k @800°C 0.23 W/m.k @1000°C 0.32 W/m.k	
Bending strength (128kg/m ³)	[Mpa]	0.04	
Shot Content	[%]	50.8%	
PACKING		In carton box, plastic lined.	
STORAGE		In dry and weather proof stores.	

The above results are typical, subject to normal statistical variations and not for specification purposes.