

Ceramic Fiber Blanket



Product Description

Our ceramic fiber blankets are manufactured from bulk fibers prepared using latest spinning process in India. This is a highly durable continuous blanket with no added constituents and binders.

- Our ceramic fiber blankets are popular for uniform distribution and unexceptional length and quality.
- We at Simond Fiber Tech are using pure aluminium silica as raw material for our blankets.
- The ceramic fiber blanket manufactured with us is sewed with double needle to retain the physical and mechanical properties of blanket.

Technical Index

Classification temperature (°C)	1260	1425
Colour	White	
Fiber Diameter (µm)	2.5 ~ 4	
Linear Shrinkage (%)	At 1200°C x 24 hrs - 3.5	At 1400°C x 24 hrs -3.5
Thermal Conductivity (W/mk)(128 kg/m ³) Mean Temperature 600°C)	0.15	
Tensile Strength (KPa)(25 mm thick, 128 kg/m ³)	55 min.	
Non Fibrous content by wt. (%)	30 Max.	
Theoretical Density (kg/m ³)	64/96/128	
Chemical Composition (%)		
Al ₂ O ₃	42-47	30-34
SiO ₂	53-58	48-55
Zr ₂ O ₂	-----	13-18
Other	Traces	Traces
Available size mm/roll	13 x 610 x 7620 25 x 610 x 7620 50 x 610 x 3810	

- All data represents typical results of standard tests conducted under controlled conditions. As such, the information is intended only as a general guide for specifications and design estimates.