



CERAMIC FIBER WOOL

ShreeCera Wool is a light weight thermal insulation material produced by spun process from a high purity alumina-silica composition having long and high refractory properties and resistant to most chemical attack.

ShreeCera Wool		
Type	(1)	(2)
Max. Temp. °C.	1260	1425
Thermal Conductivity (W/mk) at mean temperature of 550 °C	≤ 0.12	≤ 0.12
Melting Temperature °C	≥ 1700	≥ 1650
Gravity	2.65	2.65
Percentage Fiber index	48-52	48-54
Chemical Analysis (Percentage)		
Al ₂ O ₃	42-47	30-34
SiO ₂	53-58	50-54
ZrO ₂	—	14-18
Others	Traces	Traces

Applications:

- Expansion joint packing
- Wet process feedstock
- Filtration media
- Kiln car infill
- Moldables/Mastics feedstock
- Ladle insulation

Features

- Light Weight
- Low Thermal Conductivity
- Low heat storage
- Thermal shock resistant
- Good Sound Absorption
- Very Low Curing and dry out time
- Easy for installation
- Excellent chemical stability
- Free of asbestos
- High temperature resiliency

CERAMIC FIBER BLANKETS

ShreeCera Blanket is a light weight needled blanket, provides effective solution to a wide range of thermal insulation applications. Manufactured using state of the art spinning and double needling technique, these blankets offer low thermal conductivity and superior insulation performance.

ShreeCera Blanket is made from high purity Alumina, Silica and Zirconia. It is highly efficient insulator with extremely low shrinkage characteristics.

ShreeCera Blanket is unaffected by most chemical reactions (except hydrofluoric & phosphoric Acids and Concentrated alkalis). It is completely inorganic and hence no fumes during initial heating or later heat-ups. In case of wetting by steam, water or other liquids, retains its thermal and physical properties after drying. It is recommended for dry wrapping of structural steel and variety of other passive fire protection applications. It is available at variety of density and thickness combinations.

