



# SHETH INSULATIONS PVT. LTD.

Dealers & Contractor in Thermal Insulation & Waterproofing Materials

Your Energy Saving Partner



## Bulk Ceramic Fiber:

Bulk Ceramic Fiber made from alumina, silica and Zirconia. Bulk Ceramic fiber resists to most chemicals except Hydrofluoric & Phosphoric acids and strong alkalis.

## Properties :

Classification Temp.	1200 Deg C	1260 Deg C	1425 Deg C
Chemical Composition			
Al <sub>2</sub> O <sub>3</sub>	37-41%	42-46%	33-37%
SiO <sub>2</sub>	57-61%	54-58%	48-52%
ZrO <sub>2</sub>	-	-	13-17%
Fe <sub>2</sub> O <sub>3</sub>	-	0.1	0.1
Specific Gravity	2.65	2.65	2.65
Fiber Diameter	3.0-4.0	3.0-4.0	3.0-4.0

## Application :

Raw Material for the manufacture of finished products such as Boards, Shapes, Paper & Yarn

Expansion joints, Patching and emergency repair in furnace, boilers heaters etc  
Loose insulation fills for crowns, walls of kilns and furnaces.

Packing material for temporary of insulation

Precursor for engineered fibers

## Advantages:

- Excellent thermal stability with good resistance to diversification at high temperature.
- Lower thermal conductivity
- High Resiliency
- Excellent thermal shock resistance
- Excellent Chemical Stability
- Low heat Storage Capacity
- Good Sound absorption

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