

### Ceramic Fiber Bulk

#### Description

INSUL – CFBulk is manufactured from high purity alumina powder, silica sand and zircon sand by spun and blown processes suitable for industrial applications to withstand temperatures of up to 2600°F. It's the base materials to produce paper, board, blanket, shaped and textiles.

#### Classifications

INSUL- CFBulk STD  
 INSUL- CFBulk HPS  
 INSUL- CFBulk HTZ

#### Features

Low thermal conductivity  
 Low heat storage  
 Asbestos free

#### Applications

Raw material of textile  
 Expansion joint packing



Classification	STD	HPS	HTZ
Classification Temp(°F)	2300	2300	2600
Continuous Use Temp( °F)	1832	2012	2462
Color	White	White	White
Shot Content(>0.212mm)	13-15	12-14	10-13
Chemical Composition (%)			
Al <sub>2</sub> O <sub>3</sub>	43-45	44-46	34-36
Al <sub>2</sub> O <sub>3</sub> + SiO <sub>2</sub>	≥97	≥99	
Al <sub>2</sub> O <sub>3</sub> + SiO <sub>2</sub> + ZrO <sub>2</sub>			≥99
ZrO <sub>2</sub>			15-17
Fe <sub>2</sub> O <sub>3</sub>	0.20	0.15	0.15
Na <sub>2</sub> O + K <sub>2</sub> O	0.20	0.15	0.15