

CCEWOOL® Polycrystalline Wool Fiber Bulk



Temperature Grade: 1600°C (2912°F)

CCEWOOL® Polycrystalline Wool Fiber Bulk is the ideal choice for high-temperature and chemically corrosive applications.

CCEWOOL® Polycrystalline Wool Fiber Bulk is made from polycrystalline mullite fibers. It can withstand a continuous operating temperature of up to 1540°C

(2800°F) with minimal shot content. This fiber exhibits excellent thermal stability and is suitable for high-temperature insulation applications. CCEWOOL® Polycrystalline Wool Fiber Bulk serves as a raw material for the production of polycrystalline fiber blankets, boards, papers, and other products.

Characteristics:

- Excellent thermal shock resistance
- Excellent chemical stability
- High-temperature stability
- Low thermal conductivity
- Low shot content

Application:

- Raw material for finished alumina fiber products
- Insulating fill for various industrial furnaces
- High-temperature seals, gaskets and coatings
- Ladle cover infill
- Aerospace industry



TDS

CCEWOOL® Polycrystalline Wool Fiber Bulk	
Classification Temperature (°C)	1600
Continuous Temperature Use Limit (°C)	1500
Chemical Composition(%)	
Al ₂ O ₃	71-73
SiO ₂	27-29
Leachable Chlorides	Trace
Color	Bluish
Shot Content (%)	≤1
Fiber Diameter (um)	3-6
Fiber Length (mm)	≥100

