

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



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| 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 | White |
| Shot Content (%) | ≤1 |
| Fiber Diameter (um) | 3-6 |
| Fiber Length (mm) | ≥100 |

