

## CCEWOOL® Low Biopersistent Fiber Bulk



Temperature degree: 1200°C (2192°F),  
1300°C (2372°F)

CCEWOOL® Low Biopersistent Fiber Bulk consists of calcium, magnesium, silicate. The fibers can be degraded in the human body to meet the requirements of health and environmental protection. CCEWOOL® Low Biopersistent Fiber Bulk serves as the foundation for soluble fiber products such as blanket, board, paper and other vacuum-formed products. It can meet European regulatory requirements (Directive

97/69/EC).

### Characteristics:

Excellent thermal shock resistance;  
Excellent thermal insulating performance;  
Low thermal conductivity;  
Low heat storage;  
Low bio-persistence.

### Application:

Raw material for finished soluble fiber products;  
Insulating fill for complex spaces and difficult access;  
Packing expansion Joints;  
Tube seal packing;  
Fire door infill.

### TDS

<b>CCEWOOL® Low Biopersistent Fiber Bulk</b>		
Classification Temperature (°C)(°F)	1200°C(2192°F)	1300°C(2372°F)
Chemical Composition (%)		
SiO <sub>2</sub>	65-68	≥70
CaO	27-33	-
MgO	2-7	-
CaO+MgO	-	≥20
Color	Light Bluish	Light Bluish
Shot Content(%)	≤12	≤12

Fiber Diameter(μm)	3-5	3-5
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## CCEWOOL® Low Biopersistent Chopped Fiber



Temperature Grades: 1200°C (2192°F),  
1300°C (2372°F)

CCEWOOL® Low Biopersistent Chopped Fiber is made by crushing CCEWOOL Low Biopersistent fiber bulk through professional automatic crusher. Chopped fiber bulk is raw material for producing Low Biopersistent fiber board and Low Biopersistent fiber paper. With automated

operation system, we can produce more uniform chopped fiber and the particle size of chopped fiber can be more accurate. We can make chopped soluble fiber of different particle sizes according to customers' requirements.

CCEWOOL® Low Biopersistent Chopped Fiber is widely used as thermal insulation materials in industrial kilns, boilers, pipes, chimneys, etc, and its thermal insulation effect is remarkable.

### Characteristics:

- Low heat capacity and low thermal conductivity;
- Excellent chemical stability;
- Excellent thermal stability, resistance to pulverization at high temperature;
- With no binders or corrosive substances;
- Excellent sound absorption.

### Applications:

- Raw material for fiber blanket, board, textile and unshaped vacuum formed products;
- Expansion joints;
- Furnace base seals;
- Tube seals;
- Burner tile packing;
- Chimney insulation.

### TDS

CCEWOOL® Low Biopersistent Chopped Fiber		
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Chemical Composition (%)		
SiO <sub>2</sub>	65-68	≥70
CaO	27-33	-
MgO	2-7	-
CaO+MgO	-	≥20
Color	Light Bluish	Light Bluish
Shot Content(%)	≤12	≤12
Fiber Diameter(μm)	3-5	3-5

