

## CCEWOOL® Low Biopersistent Fiber Board 2372



Temperature grade 1300°C (2372°F)

CCEWOOL® Low Biopersistent Fiber Board 2372 is the latest development in soluble fiber products, made from a blend of soluble fiber cotton, organic, and inorganic binders, forming a hard board. In use, Low Biopersistent Fiber Board maintains high compressive strength and low thermal conductivity,

with physical properties remaining stable. It can withstand temperatures up to 1300°C (2372°F), providing stability to the entire refractory lining system. CCEWOOL® Low Biopersistent Fiber Board 2372 exhibits excellent chemical stability and can resist attack from most acids and corrosive agents, except hydrofluoric acid, phosphoric acid, and concentrated alkalis.

### **Characteristics:**

High temperature stability;

Low thermal conductivity;

Resistance to thermal shock;

Good handling strength;

Easy to cut with standard tools.

### **Application:**

Hot gas duct linings;

Rigid high temperature gaskets and seals;

Heat shields;

Shapes for domestic appliances;

Molten metal transfer systems.



**TDS**

| <b>CCEWOOL® Low Biopersistent Fiber Board 2372</b>   |                   |
|--|-------------------|
| Classification Temperature (°C)                      | 1300°C(2372°F)    |
| Color  | Light Bluish      |
| Density (kg/m <sup>3</sup> )                         | 300               |
| Modules of Rupture (MPa)                             | ≥0.25             |
| Compressive Strength (MPa, 10% relative deformation) | 0.15              |
| Loss of Ignition (%)                                 | ≤7                |
| Permanent Linear Shrinkage (%)                       | 1260°C x 24h ≤2.0 |
| Thermal Conductivity (W/m·K)                         |                   |
| 200°C  | 0.05              |
| 400°C  | 0.07              |
| 600°C  | 0.10              |
| 800°C  | 0.11              |
| 1000°C   | 0.14              |

