CCEWOOL Thermomax Inc.
salesusa@ccewool.com
www.ccewool.com

CCEWOOL® Low Biopersistent Fiber Paper

Temperature Grade: 1200℃ (2192℉)

CCEWOOL® Low Biopersistent Fiber Paper is made from alkaline-earth silicate fibers primarily composed of SiO2, MgO, and CaO, blended with specific organic binders. This soluble fiber product is an innovative solution for high-temperature applications. With its unique calcium-magnesium chemical composition, it meets the requirements of applications up to 1200℃ (2192℉) while also demonstrating significant solubility and environmental-friendly characteristics. We offer soluble fiber paper in thicknesses ranging from 0.5 to 12mm. The product's safe operating temperature reaches up to 1200℃.

Characteristics:

Low bio-persistence fibre;

Excellent thermal insulating performance;

Thin, flexible high-temperature insulation;

Immune to thermal shock;

Low heat storage;

Easily die-cut to form complex shapes for high-temperature gasketing;

Excellent tensile strength;

Low thermal conductivity;

Non-wetting to molten aluminium.

Application:

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High temperature gasket and sealing in various application;

Fire proof;

Fireproof doors;

Expansion joints ;

Fireplace converter gasket;

Gasket between Aluminum and zinc washer

- High temperature gaskets
- Metal lining;

Melting and holding furnaces refractory backing;

TDS

CCEWOOL® Low Biopersistent Fiber Paper	
Classification temperature	1200 ℃(2192℉)
Density, Kg/m3	190-210
Operation temperature	1000℃ (1832℉)
Melting point	>1300℃ (2372℉)
Tensile strength(Kpa)	>250
Loss on ignition (wt%)	9
Permanent Linear shrinkage, % ENV(1094-1)	
After 24 hours ®1000℃	1.5
Thermal conductivity (%)	
400℃	0.1
600℃	0.16
800℃	0.22
Chemical composition (%)	
SiO2	65-68

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CaO+MgO	27-33
others	<=3%
Specification (MM)	60000×610×1 (200'×24"×1/24") 30000×610×2 (100'×24"×1/12")
	20000×610×3 (66'×24"×1/8") 15000×610×4 (50'×24"×1/6")
	12000×610×5 (40'×24"×1/5") 10000×610×6 (33'×24"×1/4")
	Min Width: 5cm (2")
Package	Inner Plastic Bag+Outer Carton