

CCEWOOL Bio Soluble Fiber Paper



Temperature Grade: 1200°C (2192°F)

CCEWOOL Bio Soluble (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°C (2192°F) while also demonstrating significant solubility and environmental-friendly characteristics.

Characteristics:

Good handling strength;
High temperature stability;
Low heat storage;
Resistant to thermal shock;
Excellent flexibility;
Easy to cut wrap and shape with tool;
Low bio-persistence.

Application:

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 Bio Soluble Fiber Paper		
Classification temperature	1200 °C (2192°F)	
Chemical composition (%)		
	SiO ₂	62-68
	CaO	26-32
	MgO	4-7
Color	Light Bluish	
Density (kg/m ³)	200	
Tensile Strength (MPa)	0.3	
Loss of Ignition (%)	4-8	
Thermal Conductivity (W/m·K)		
	200°C	0.05
	400°C	0.07
	600°C	0.11
	800°C	0.15
	1000°C	0.23
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	