

CCEWOOL® Ceramic Fiber Paper



Classification Temperature: 1260°C (2300°F),

1400°C (2550°F), 1430°C (2600°F)

Chemical Composition: Alumina, Silica,
(Zirconia)

CCEWOOL® Ceramic Fiber Paper, also known as aluminosilicate fiber paper, is a flexible high-temperature insulation material made from high-purity ceramic fiber with a small amount of organic binder. It is produced through a nine-stage fine shot-removal process, resulting in fine fibers, low impurity content, and a uniform,

stable structure. The product is suitable for applications requiring reliable thermal insulation, cleanliness, and good processing performance.

CCEWOOL® Ceramic Fiber Paper provides stable thermal insulation and also offers sealing, electrical insulation, sound absorption, and filtration functions. Its good resistance to molten material penetration makes it suitable for casting gaskets and release applications in the glass, construction, and related industries, helping reduce penetration and adhesion of molten materials.

The product is available in 1260°C, 1400°C, and 1430°C grades, with thicknesses from 0.5 to 12 mm. It offers good flexibility and stable mechanical integrity and is easy to cut, die-cut, laminate, and combine into multilayer structures. Its material quality also makes it well suited for Fabrication processing into gaskets, seals, insulation pads, and other functional high-temperature components.

CCEWOOL® can also provide Fabrication customization according to customer drawings and application requirements, including different sizes, thicknesses, and shapes for high-temperature equipment, sealing structures, and integrated insulation systems.

Characteristics:

High-temperature stability;

Low thermal conductivity;

Low heat storage;

Lightweight;
High flexibility and resilience;
Excellent thermal shock resistance;
Low shot content;
Excellent chemical stability;
Good electrical insulation;
Excellent corrosion resistance;
Easy to wrap, form, and cut;
Easy to process.

Applications:

Thermal insulation and separation in casting applications;
Automotive heat shields;
EV battery separators;
Industrial and domestic ovens;
Stove insulation and sealing;
Electric heaters;
Industrial boilers;
Thermal and electrical insulation for small appliances;
Aerospace thermal insulation and protection;
Electric heaters and wood-burning stoves;
Welding and brazing protection;
Muffler insulation and heat shields;
Investment casting mold wrapping;
High-temperature gaskets;
High-temperature furnace roof linings;
Kiln car deck coverings;
Electrical heat seals.

TDS

CCEWOOL® Ceramic Fiber Paper			
Item	1260S	1400	1430HZ

Zibo Double Egret Thermal Insulation Co., Ltd
Add: No.105 Liuquan Road, Zibo, Shandong, China
Tel: +86-533-7986860

Email: ceramicfibres@ccewool.com
Website: www.ceramicfibres.com
www.ccceramicfiber.com
www.ccewool.com

Operation Temperature	1050°C(1922°F)	1200°C(2192°F)	1350°C(2462°F)
Density (kg/m3)	180-200		
Tensile Strength (PSI)	58	94	136
Linear Shrinkage (%)			
1000C,24hrs	2	-	-
1100C,24hrs	-	2	-
1200C,24hrs	-	-	2
Lose on ignition (%)	9	9	9
Chemical Composition (%)			
Al2O3	42-47	52-55	39-40
Al2O3+SiO2	97	99	-
ZrO2	-	-	15-17
Fe2O3	1	0.2	0.2
Na2O+K2O	0.5	0.2	0.2
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		