

CCEWOOL® Ceramic Fiber Paper



Temperature Grade 1260°C (2300°F),

1400°C (2552°F), 1430°C (2606°F)

CCEWOOL® Ceramic Fiber Paper is produced from high-purity refractory ceramic fibers along with a small amount of binder through a nine-step slag removal process. The product possesses excellent thermal insulation and construction properties, making

it highly suitable for deep processing (such as multi-layer composites, punching, etc.) for applications including high-temperature insulation, thermal insulation, sealing, electrical insulation, sound absorption, filtration, and more. Its exceptional resistance to molten metal penetration allows the product to be used as casting gaskets for isolation in the construction and glass industries. Refractory ceramic fiber paper is available in thicknesses ranging from 0.5 to 12mm and can be cut into various sizes and shapes according to customer requirements.

Characteristics:

Low thermal capacity;

Low thermal conductivity;

Excellent electrical insulation properties;

Excellent machining performance;

High strength, tear resistance;

High flexibility;

Low shot content.

Application:

Automotive and aerospace heat shields;



Gaskets for ovens, stoves, heaters and other appliances;

Automotive muffler insulation;

Investment casting mold wrap;

Expansion joints filling material;

Insulation material for instruments and heating element.

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CCEWOOL® Ceramic Fiber Paper			
Item	1260S	1400	1430HZ
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

