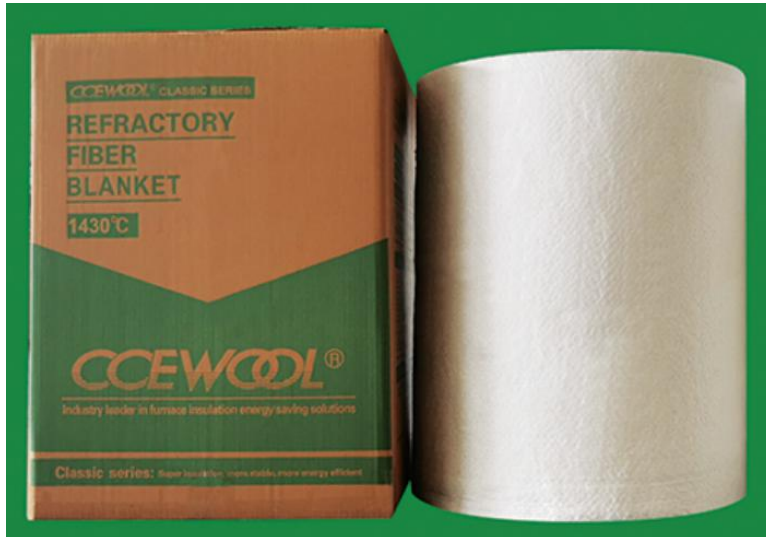


CCEWOOL® Ceramic Fiber Blanket 2600



Temperature Grade 1430°C (2600°F)

CCEWOOL® Ceramic Fiber Blanket 2600 is made from high-purity alumina, zirconia, and silica as raw materials through a unique fiber manufacturing process. It possesses excellent insulation properties and exhibits extremely low shrinkage characteristics at high temperatures. Its long-term operating temperature reaches

around 1350°C (2462°F). This product is white in color, flexible in texture, has good flatness, and is highly temperature-resistant, delivering excellent fire resistance and insulation. It is an ideal material for refractory, insulation, and thermal insulation applications in high-temperature environments.

Characteristics:

- Excellent handling strength;
- Excellent hot strength;
- Low thermal conductivity;
- Low heat storage;
- Light weight;
- Resiliency;
- Thermal shock resistance;
- High heat reflectance;
- Excellent corrosion resistance;
- Excellent thermal stability.

Applications:



Furnace linings;
Boiler insulation;
Temperature control in heat treatment processes;
Insulation for the roofs of glass furnaces;
Furnace door seals;
Lining for flue ducts;
Insulation for pipelines;
Insulation components in transportation equipment;
Fire protection;
Thermal sealing gaskets for household appliances;
Thermal stress relief insulation at outdoor welding joints;
High-temperature insulation;
Fire-resistant insulation for fire shutter doors.

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CCEWOOL® Ceramic Fiber Blanket 2600	
Classification temperature	1430HZ (2600°F)
Operation Temp(℃)(°F)	1350℃ (2462°F)
Density (kg/m3)	96/ 128/ 160 (6,8,10lb/ft3)
Shot Content(%)	≤12
Color	White
Chemical Composition of refractory ceramic blanket (%)	
Al2O3	≥35
SiO2	≥49
ZrO2	≥15
Permanent Change on Heating (%), EN1094-1 After 24 hours	
®950℃ (1742°F)	-

®1000℃ (1832°F)	-
®1100℃ (2012°F)	-
®1200℃ (2192°F)	≤1
®1300℃ (2372°F)	≤2
®1400℃ (2552°F)	≤3
Tensile Strength(Kg/m3), EN1094-1 KPa	
64kg/m3(4lb/ft3)	-
96kg/m3(6lb/ft3)	65
128kg/m3(8lb/ft3)	85
160kg/m3(10lb/ft3)	125
Heat Conductive Co-efficient W/(m·k)(128kg/m3)	
200℃ (392°F)	0.06
400℃ (752°F)	0.10
600℃ (1112 °F)	0.15
800℃ (1472°F)	0.19
1000℃ (1832°F)	0.26

Thickness	Density (kg/m3)				Length	Width
mm	64	96	128	160	mm	mm
6	-	-	○	○	7200	610, 1220
13	-	√	√	○	14640	
19	-	√	√	○	9760	
25	○	√	√	√	7320	
38	○	√	√	√	4880	
50	○	√	√	-	3660	

Thickness	Density (lb/ft3)				Length	Width
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in	4#	6#	8#	10#	in	in
1/4"	-	-	○	○	300"	24",48"
1/2"	-	√	√	○	600"	
3/4"	-	√	√	○	400"	
1"	○	√	√	√	300"	
3/2"	○	√	√	√	200"	
2"	○	√	√	-	150"	

Note: (√) is standard size, Custom size are available

