

## **CCEWOOL PCW Paper**

**Temperature Grade 1600°C (2912°F)**

**CCEWOOL Polycrystalline Wool Fiber Paper is designed for high temperature applications up to 1600°C. Manufactured from high purity Alumina fibres, using advanced production techniques to ensure uniform fibre distribution and close control of thickness and density.**

**CCEWOOL Polycrystalline Wool Fiber Paper is produced using Alumina fibres with the minimum addition of carefully selected bonds, which burn out in service. The ultra-clean ‘shot’ free properties of the product promote excellent handling and strength characteristics. CCEWOOL Polycrystalline Wool Fiber Paper has significant benefits as a separating and parting media for vacuum brazing applications and heat treatment. Other applications include gaskets and seals in furnaces with reducing atmospheres and hot isostatic pressing.**

### **Characteristics of Product:**

Almost no shot, white color, and high purity of raw materials  
Good high temperature resistance and good high-temperature stability  
Extremely low thermal conductivity, low linear shrinkage after heating  
Stable chemical properties and strong corrosion resistance  
Uniform fiber diameter and high tensile strength  
Excellent thermal stability and thermal shock resistance  
Excellent chemical stability

### **Typical applications:**

Expansion joints in industrial furnace linings  
Strips in new fiber module lining overcome shrinkage  
Gap filling for lining maintenance/repair  
High Temperature Gaskets and Seals

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## Technical Data:

<b>CCEWOOL PCW Paper</b>	
Typical Chemical Analysis (fibre wt. %)	
Al <sub>2</sub> O <sub>3</sub>	95-97
SiO <sub>2</sub>	3-5
Trace	<0.5
Physical Properties	
Colour	White
Classification Temperature (°C)*	1600(2912°F)
Product Density (kg/m <sup>3</sup> )	160
Product Thickness (mm)+	8
Loss on Ignition (wt. %)	
from Fibre	0
from Felt	<12

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