

## **CCEWOOL® Research series Ceramic fiber retardant paper**

### **Description:**

CCEWOOL® Research series ceramic fiber retardant paper is a new research of our company. Up to now, it is the only product which doesn't get burnt when contact fire in ceramic fiber paper field. By adding certain proportion fire retardants into ceramic fiber paper's composition, the paper can be directly contact with fire and won't get burnt.

### **Characteristics :**

- retardant
- Low thermal capacity
- Low thermal conductivity
- Excellent electrical insulation properties
- Excellent machining performance
- High strength, tear resistance
- High flexibility
- Low shot content

### **Applications:**

- Industrial insulation, sealing, anti-corrosion material
- Insulation material for instruments and heating element
- Insulation material for automobile and aerospace industry
- Expansion joints filling material
- Isolation for construction material, metallurgy and glass industries,
- Molten metal sealing gasket
- Fireproof material

### Technical data and Size:

<b>CCEWOOL® Research series Ceramic fiber retardant paper</b>			
Item	1260STD	1400HA	1430HZ
Operation Temperature	1050°C	1200°C	1350°C
Density (kg/m <sup>3</sup> )	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 (%)			
Al <sub>2</sub> O <sub>3</sub>	46	52-55	39-40
Al <sub>2</sub> O <sub>3</sub> +SiO <sub>2</sub>	97	99	-
ZrO <sub>2</sub>	-	-	15-17
Fe <sub>2</sub> O <sub>3</sub>	1	0.2	0.2
Na <sub>2</sub> O+K <sub>2</sub> O	0.5	0.2	0.2
Specification (MM)	60000*610*1;30000*610*2		
	20000*610*3;15000*610*4		
	12000*610*5;10000*610*6		
	Min Width: 5cm		
Package	Inner Plastic Bag +Outer Carton		

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