

CCEWOOL Polycrystalline Wool Fiber 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:

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.

Application:

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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CCEWOOL Polycrystalline Wool Fiber Paper		
Test Item	Standard	Technical Specifications
Appearance	-	Smooth , no impurities
Insulation Performance 1000V DC	Under condition of 1000V DC, test time 60s	Insulation resistance $\geq$ 500M Ω
Fiber Diameter	-	5.5~7.5 μ m
Tensile Strength	GBT 17911-2018	$\geq$ 200kPa
Flame Retardance Property	UL94-V0	Complies with Standards
Thermal Conductivity	GB/T 10297-2015	$\leq$ 0.04w/m·k
ELV	EU ELV Directive 2000/53/EC	Complies with Standards

Specification								
Thickness (mm)	0.30	0.60	0.80	1.00	2.00	3.00	4.00	5.00
Area Density (g/m ²)	20	60	80	100	250	400	550	700