

TECHNICAL DATA SHEET**Soluble Fibre Blankets**
Description and Advantages**Soluble Fiber Blankets**

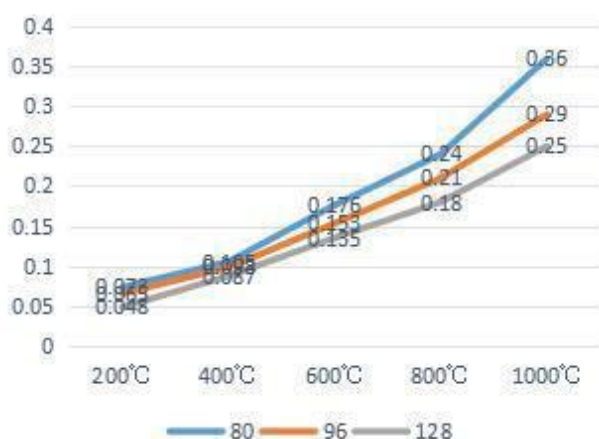
Soluble Fiber Blankets are a kind of strong, lightweight, flexible insulating products manufactured by using Advanced spinning technology, display very low thermal conductivity, super thermal shock resistance, low heat storage and the excellent sound absorption. This unique vitreous fiber has very high solubility in body fluids, so has no hazard classification. Our factory also supplies the same material products AES fiber cloth/AES fiber Rope/AES fiber Tape/AES fiber Yarn/AES fiber Paper

Features

- Low thermal conductivity
- Low thermal capacity
- Excellent resistance to thermal shock
- Solubility

Applications

- Boiler insulation
- Fire seal
- Heater insulation
- Domestic cooker insulation
- Building expansion joints
- Fire production column and beam wrap

Thermal Conductivity

TECHNICAL DATA SHEET**Main Properties**

Description	Soluble Fiber Blanket		
Code	CSOL		
Manufacturer	Shandong Minye Refractory Fiber Co. Ltd		
Manufacturer Code	HB Soluble Wool		
Chemical Composition（%）			
SiO2	55-65		
CaO	23-35		
MgO	5-10		
Al2O3	≤1.3		
Fe2O3	≤0.15		
Density	80	96	128
Color	Light Blue and White		
Tensile Strength(Mpa)	0.03	0.04	0.05
Fiber Diameter(um)	3.50		
Shot Content（%）	12		
Linear Shrinkage After Heating	1000℃X24h≤2.5%		
Thermal Conductivity (W/m.k)			
200℃	0.073	0.065	0.048
400℃	0.105	0.098	0.087
600℃	0.176	0.153	0.135
800℃	0.240	0.210	0.180
1000℃	0.360	0.290	0.250

The data shown above is average results of test under standard procedures. There shall be some adjustment in normal mass manufacturing. For more information on the safety application or materials, please refer to the work practices and material safety data sheet.