

Technical Data Sheet		
Ceramic Fiber Paper 1260 °C		
General Information		
Classification	Ceramic Fiber Based Material	
Main Raw Material Components	Ceramic Fibers + Binders	
Main Applications	Thermal Insulation - Gaskets - Sound Absorbants, etc.	
Classification Temperature	1260 °C	
Packing (5-10 mm Products may be rolled according to customer's requirement too)	Th.: 1-5 mm Roll	
	Th.: 6-20 mm Sheet	
Default Dimension (May be Customized According to Customer's Requirements)		
Parameter	Range	
Thickness Tolerance:	±10%	
Length Tolerance	±2%	
Product Nominal Length	60 m (for 1mm Thickness)	
	30 m (for 2mm Thickness)	
	20 m (for 3mm Thickness)	
	15 m (for 4mm Thickness)	
	12 m (for 5mm Thickness)	
Customized Sheet Dimension for (6-20 mm Thickness)		
Width Tolerance	±2%	
Product Nominal Width	610 mm	
	1220 mm	
Density Tolerance	±8%	
Density (May be manufactured 150-250 according to customer's requirement)		
Product Nominal Density	200 kg/m ³	
Chemical Analysis of Ceramic Fiber Paper Acc. To Standard ASTM E1621		
Parameter	Range	
SiO ₂ (%)	47±4	
Al ₂ O ₃ (%)	39±4	
L.O.I	≤10%	
Chemical Analysis of Consumed Ceramic Fiber Acc. To Standard ASTM E1621		
Parameter	Range	
SiO ₂ (%)	55±4	
Al ₂ O ₃ (%)	45±4	
L.O.I	≤1.5%	
Tensile Strength Acc. To Standard ASTM C209 (or En 1094 as replacement)		
All products	>400 Kpa	
Linear Shrinkage @24h, 1100°C Acc. To Standard ASTM C356		
All Products	≥-5%	
Thermal Conductivity Acc. To standard Din 52612 (or C177 as replacement)		
All Products	≤ 0.2 w/m ² k	
Test Results for 2 samples		
Thickness of 3 mm	200°C	0.051 w/m ² k
	400°C	0.073 w/m ² k
	600°C	0.1 w/m ² k
	850°C	0.141 w/m ² k
	1000°C	0.169 w/m ² k
Thickness of 5 mm	200°C	0.051 w/m ² k
	400°C	0.070 w/m ² k
	600°C	0.097 w/m ² k
	850°C	0.143 w/m ² k
	1000°C	0.176 w/m ² k
Other Information	Altin Alish Verish is supplier of Ceramic Fiber Paper in CIS, various types of Characteristics may be added to the product according to customer's requirement including: <ul style="list-style-type: none"> - Self-extinguishing - Lower binder use - Change of Flexibility or Rigidity - Aluminum sheet coated - Different Chemical Analysis -etc. 	