

Technical Data Sheet		
Ceramic Fiber Paper 1400 °C		
<b>General Information</b>		
Classification	Ceramic Fiber Based Material	
Main Raw Material Components	Ceramic Fibers + Binders	
Main Applications	Thermal Insulation - Gaskets - Sound Absorbants, etc.	
Classification Temperature	1400 °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
<b>Default Dimension (May be Customized According to Customer's Requirements)</b>		
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%	
<b>Density (May be manufactured 150-250 according to customer's requirement)</b>		
Product Nominal Density	200 kg/m <sup>3</sup>	
<b>Chemical Analysis of Ceramic Fiber Paper Acc. To Standard ASTM E1621</b>		
Parameter	Range	
SiO <sub>2</sub> (%)	41±3	
Al <sub>2</sub> O <sub>3</sub> (%)	45±3	
L.O.I	≤10%	
<b>Chemical Analysis of Consumed Ceramic Fiber Acc. To Standard ASTM E1621</b>		
Parameter	Range	
SiO <sub>2</sub> (%)	48±3	
Al <sub>2</sub> O <sub>3</sub> (%)	52±3	
L.O.I	≤1.5%	
<b>Tensile Strength Acc. To Standard ASTM C209 (or En 1094 as replacement)</b>		
All products	>400 Kpa	
<b>Linear Shrinkage @24h, 1100°C Acc. To Standard ASTM C356</b>		
All Products	≥-5%	
<b>Thermal Conductivity Acc. To standard Din 52612 (or C177 as replacement)</b>		
All Products	≤ 0.2 w/m <sup>2</sup> k	
Other Information	<p>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:</p> <ul style="list-style-type: none"> <li>- Self-extinguishing</li> <li>- Lower binder use</li> <li>- Change of Flexibility or Rigidity</li> <li>- Aluminum sheet coated</li> <li>- Different Chemical Analysis</li> <li>-etc.</li> </ul>	