Technical Data Sheet	
Ceramic Fiber Paper 1430 °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	1430 °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/m3

Chemical Analysis of Ceramic Fiber Paper Acc. To Standard ASTM E1621	
Parameter	Range
SiO_2 (%)	43±4
Al_2O_3 (%)	31±4
ZrO2 (%)	13±4
L.O.I	≤10%
Chemical Analysis of Consumed Ceramic Fiber Acc. To Standard ASTM E1621	
Parameter	Range
SiO_2 (%)	50±4
Al_2O_3 (%)	35±4
ZrO2 (%)	15±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°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: - Self-extinguishing - Lower binder use - Change of Flexibility or Rigidity - Aluminum sheet coated - Different Chemical Analysis -etc.