



## TECHNICAL DATA SHEET

### RAVABER CERAMIC FIBER

PROPERTIES	SYMBOL	UNIT	TOLERANCE		
MATERIAL	MW			CERAMIC FIBER	
Density	d	kg/m <sup>3</sup>	(+,-)% 10	<b>128</b>	
Length	l	mm	(+,-) %2	3600	
Width	b	mm	(+,-) %1,5	610	
Thickness	d <sub>N</sub>	mm	(- 1, +3 )	<b>50</b>	
<b>Chemical Analysis</b>		RAVABER 1260 HP		<b>Product Properties</b>	
Na <sub>2</sub> O (Sodium Oxide)	<b>%0.6-1.2</b>		Maximum Usage Temperature	1260 °C	
MgO (Magnesium Oxide)	<b>%0.3-0.65</b>		Fiber Length (mm)	13-100	
Al <sub>2</sub> O <sub>3</sub> (Alumina Oxide)	<b>%43-45</b>		Thermal Comducivity at 400°C(W/m.K)	0,090	
SiO <sub>2</sub> (Silicondioxide)	<b>%52-54</b>		Thermal Comducivity at 500°C (W/m.K)	0,119	
ZrO <sub>2</sub> (Zirconium Oxide)	<b>%0.5-1</b>		Thermal Comducivity at 600°C (W/m.K)	0,152	
CaO (Calsium Oxide)	<b>%0.5-0.8</b>		Colour	White	
linear shrinkage after heating	<b>1100C**24 hour≤ 2,5</b>		Tensile Strength (Mpa)	0,040	
Certificates	<b>CE( SERT.NO1020-CPD-0100028090) , ISO 9001, ISO 14001, ISO 18001, ISO 50001,ISO 10002</b>				
Product Key	The Product has RoHScertificate.				