



Product Name :	<b>S-Corit TR</b>		
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Maximum Service Temperature	°C	<b>1360</b>	
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Apparent Density	g/cm <sup>3</sup>	<b>1,95</b>	
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Apparent Porosity	%	<b>24,0</b>	
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Modulus of Rupture 3-Point Test			
at 20 °C	N/mm <sup>2</sup>	<b>7,0</b>	
at 1000 °C	N/mm <sup>2</sup>	-	
at 1100 °C	N/mm <sup>2</sup>	-	
at 1200 °C	N/mm <sup>2</sup>	<b>9,0</b>	
at 1250 °C	N/mm <sup>2</sup>	-	
at 1300 °C	N/mm <sup>2</sup>	-	

Thermal Expansion	at 1000 °C	x 10 <sup>-6</sup> K <sup>-1</sup>	<b>2,0</b>
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Thermal Conductivity	W m <sup>-1</sup> K <sup>-1</sup>	<b>1,0</b>	
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Specific Heat Coefficient	at 20 °C	J/kg K	<b>0,9</b>
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Softening under Load	To	°C	
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Chemical Composition :			
Al <sub>2</sub> O <sub>3</sub>	%	<b>38</b>	
SiO <sub>2</sub>	%	<b>51</b>	
MgO	%	<b>8</b>	

These data are for information only. They correspond to the values commonly observed for the materials produced.

First publication: 2007 - 02 - 17	Updating: 2007 - 02 - 17
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