



Product Name : **RC 80**

Maximum Service Temperature                      ° C                      **1200**

Apparent Density    g/cm<sup>3</sup>                      **2,0**

Apparent Porosity    %                      **20**

Modulus of Rupture 3-Point Test

at 20 °C	N/mm <sup>2</sup>	<b>16</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>	
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>                      **2,6**

Thermal Conductivity    W m<sup>-1</sup> K<sup>-1</sup>                      **1,3**

Specific Heat Coefficient                      at 20 °C                      J/kg K

Softening under Load                      To                      ° C

Chemical Composition :

Al <sub>2</sub> O <sub>3</sub>	%	<b>32</b>
SiO <sub>2</sub>	%	<b>53</b>
MgO	%	<b>6,5</b>

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