



Product Name :

**S-Corit B**

Maximum Service Temperature                      °C                      **1320**

Apparent Density    g/cm<sup>3</sup>                      **1,82**

Apparent Porosity    %                      **26**

Modulus of Rupture 3-Point Test

at 20 °C	N/mm <sup>2</sup>	<b>18,0</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>13,0</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>                      **2,0**

Thermal Conductivity    W m<sup>-1</sup> K<sup>-1</sup>                      **1,0**

Specific Heat Coefficient              at 20 °C                      J/kg K                      **0,9**

Softening under Load              To                      °C                      -

Chemical Composition :

Al <sub>2</sub> O <sub>3</sub>	%	<b>34</b>
SiO <sub>2</sub>	%	<b>53</b>
MgO	%	<b>8</b>

All data are typical for commonly produced materials. They are subjected to reasonable variations and should be used for specifications purposes.