



Product Name : **S-Corit A**

Maximum Service Temperature °C **1360**

Apparent Density g/cm³ **1,84**

Apparent Porosity % **27,0**

Modulus of Rupture 3-Point Test

at 20 °C	N/mm ²	12,0
at 1000 °C	N/mm ²	-
at 1100 °C	N/mm ²	-
at 1200 °C	N/mm ²	14,0
at 1250 °C	N/mm ²	-
at 1300 °C	N/mm ²	-

Thermal Expansion at 1000 °C x 10⁻⁶ K⁻¹ **2,0**

Thermal Conductivity W m⁻¹ K⁻¹ **1,0**

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

Softening under Load To °C -

Chemical Composition :

Al ₂ O ₃	%	39
SiO ₂	%	50
MgO	%	8

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