



Product Name : **E59**

Maximum Service Temperature ° C **1300**

Apparent Density g/cm³ **2,5**

Apparent Porosity % **24**

Modulus of Rupture 3-Point Test

at 20 °C	N/mm ²	36,8
at 1000 °C	N/mm ²	
at 1100 °C	N/mm ²	
at 1200 °C	N/mm ²	
at 1250 °C	N/mm ²	
at 1300 °C	N/mm ²	

Thermal Expansion at 1000 °C x 10⁻⁶ K⁻¹ **5,9**

Thermal Conductivity W m⁻¹ K⁻¹ **4,3**

Specific Heat Coefficient at 20 °C J/kg K

Softening under Load To ° C

Chemical Composition :

Al ₂ O ₃	%	78
SiO ₂	%	18
K ₂ O	%	0,5

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