



Product Name : **KF25E**

Maximum Service Temperature ° C **1500**

Apparent Density g/cm³ **2,3**

Apparent Porosity % **23**

Modulus of Rupture 3-Point Test

| | | |
|------------|-------------------|-------------|
| at 20 °C | N/mm ² | 22,1 |
| 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 **5,3**

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

Specific Heat Coefficient at 20 °C J/kg K

Softening under Load To ° C

Chemical Composition :

| | | |
|--------------------------------|---|------------|
| Al ₂ O ₃ | % | 60 |
| SiO ₂ | % | 33 |
| K ₂ O | % | 0,4 |

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