CFS Macor Machinable

Machinable glass ceramic - White

PROPERTY	UNIT	VALUE
Classification as per DIN ISO	-	-
Main component	Weight - %	-
Colour	-	White
Density	g/cm^3	2,52
Open porosity	Vol - %	0
Bending strength	MPa	>90
Compressive strength	MPa	345
Modulus of elasticity	GPa	66,9
Vickers hardness	N/mm^2	-
Fracture toughness	MPa $m^{1/2}$	-
Weibull modulus	-	-
Linear thermal expansion coefficient	10^{-6} K^{-1}	7,4
Thermal conductivity	W m^{-1} K^{-1}	1,46
Max. working temperature in air	°C	800

TECHNICAL NOTES

The values were determined on test specimens and are typical for the respective material. Product attributes may vary depending on the design and production process. Other materials are available on demand.