

Material Technical Data Sheets

Properties	Units	GEA
Compositional		
Mineralogy		Cordierite Mullite
Al ₂ O ₃	%	28
SiO ₂	%	67
MgO	%	2.5
Mechanical		
Bulk density	g/cm ³	1.95
Apparent porosity	%	23
M.O.R. @ 20°C	Mpa	-
M.O.R. @1250°C	Mpa	-
Thermal		
C.T.E.@ 25°C-1000°C	10 ⁻⁶ K ⁻¹	3.2
Specific heat @20°C	Kj/Kg.K	1.2
Thermal shock resistance	★	★★★
Max working temperature	°C	1150

Note: Data of properties listed above are typical results from test pieces and therefore should be used only as guidance.

