

GQ QUATTRO DISC MED OP TECHNICAL DATA SHEET

Revised December 2020

Percentage chemical composition (m/m)

ZrO ₂	Main component
Y ₂ O ₃	4–6 %
Al ₂ O ₃	< 1 %
SiO ₂	max. 0.02 %
Fe ₂ O ₃	max. 0.01 %
Na ₂ O	max. 0.04 %

Physical and mechanical properties

Colour	variable
Density	~ 6.0 g/cm ³
Flexural strength	1,200–1,400 Mpa
Vickers hardness	1,250 HV10
Weibull modulus	~ 15
CTE value (25–500 °C)	~ 10.6 × 10 ⁻⁶ K ⁻¹

CE 0197