

Material	Quartz
Density (g/cm ³)	2.2
Flexure strength (MPa)	48
Young Modulus (GPa)	72
Poisson's ratio	0.15
Compressive strength (MPa)	1100
Hardness (HV)	750
Fracture toughness (MPa*m ^{1/2})	0.4
Maximum working temperature (°C)	1350
Thermal conductivity (W/m*K)	1.4
Thermal expansion coefficient (1/°C)	5.5*10 ⁻⁷
Thermal shock resistance (ΔT °C)	≥1000

* The actual product may have slight differences due to factors such as the composition of the raw material, molding and sintering process, etc.