

Quartz rod:



Chemical composition unit: ppm

Cr	Ge	Fe	Mg	Ti	Ca	Al	Na	Li	K
0.1	0.4	1.5	0.4	0.1	0.8	16	2.3	0.5	2.0

Physical & Chemical Properties

Density 20°C kg.m ⁻³ (×10 ³)	2.2
Coefficient of expansion 25°C-300°C ⁻¹ (×10 ⁻⁶)	0.58
Softening point(°C)	1670
Annealing point(°C)	1210
Strain point(°C)	1110
Youngs modulus(Pa)	7.3×10 ⁵

Dimensional Tolerance

OD& Tolerance	Ovality
1.4±0.1	0.10
2.5±0.1	0.10
3.0±0.1	0.10
4.0±0.1	0.15
5.0±0.1	0.15
8.0±0.1	0.20
10.0±0.1	0.20
15.0±0.2	0.20
20.0±0.3	0.30