

Material Data	
<b>Optical Properties</b>	
Transmission Range[ $\mu\text{m}$ ]	0.2-5
Refractive index@ $N_e$	1.7771
Structure	Triangular crystal system
<b>Physical Properties</b>	
Density[ $\text{g}/\text{cm}^3$ ]	3.98
Melting Point [deg C]	2030
ThermalConductivity[W/(m $\times$ deg C)]	25.2
Thermal Expansion[deg C <sup>-1</sup> ]	$5.66 \times 10^{-6}$
Specific Heat Capacity[J/(kg $\times$ deg C)]	$0.7610 \times 10^3$
Young's Modulus[GPa]	34-37
Volume elasticity coefficient[GPa]	250
Poisson Coefficient	0.309
<b>Chemical Properties</b>	
Molecular Weight/ g/mol	101.96
Solubility	$98 \times 10^{-6}$

### Transmittance Curve

