

????? 0.0005 cm⁻¹at 10.6 um

????? 45.7 um

dn/dT : +61 x 10⁻⁶/K at 10.6 um at 298K

dn/du = 0 : 5.5 um

??? 5.27 g/cc

??? 1525? (see notes below)

????? 18 W m⁻¹ K⁻¹at 298K

????? 7.1 x 10⁻⁶/K at 273K

?? : Knoop 120 with 50g indenter

????? : 339 J Kg⁻¹K⁻¹

Dielectric Constant : n/a

Youngs Modulus (E) : 67.2 GPa

Shear Modulus (G) : n/a

Bulk Modulus (K) : 40 GPa

???? :

Not Available

Apparent Elastic Limit :

55.1 MPa (8000 psi)

??? :

0.28

Solubility :

0.001g/100g water

Molecular Weight :

144.33

Class/Structure :

HIP polycrystalline cubic, ZnS, F43m