

## Germanium

<b>Formula</b>	Ge
<b>Crystal Growth</b>	
Growth Method	Czochralski, Floating-Zone
Max. Diameter (inch)	Ø 3"
<b>Crystallographic Properties</b>	
Crystal Structure	cubic
Lattice Constant (nm)	a = 0.56735
<b>Physical Properties</b>	
Color	metallic
Density (g/cm <sup>3</sup> )	5.32
Melting Point (K)	1210
Thermal Expansion (10 <sup>-6</sup> K <sup>-1</sup> )	5.75
Thermal Conductivity (W/mK)	58.8
Band Gap (eV at 273K)	0.67

