

Ge – Germanium

CRYSTAL GROWTH

Growth Method	Czochralski, Floating-Zone
Max. Diameter (inch)	Ø 3"

CRYSTALLOGRAPHIC PROPERTIES

Crystal Structure	cubic
Lattice Constant (nm)	a = 0.56735

PHYSICAL PROPERTIES

Color	metallic
Density (g/cm³)	5.32
Melting Point (K)	1210
Thermal Expansion (10⁻⁶K⁻¹)	5.75
Thermal Conductivity (W/mK)	58.8
Band Gap (eV at 273K)	0.67

