

Germanium (Ge)

Physical Property

Standard atomic weight: 72.61
Melting point: 938.25°C

Density: 5.35 g/cm³
Boiling point: 2830 °C

Specification

Specification	Purity	Testing Impurity	Total Impurity Content
High Purity Ge (5N)	99.999%	Al, Ca, Co, Fe, Mg, Ni, Cu, In, Zn, Si, Pb, As	< 10 ppm
Ultra Purity Ge (6N)	99.9999%	Al, Ca, Co, Fe, Mg, Ni, Cu, In, Zn, Si, Pb, As	< 1 ppm
GeO ₂ (5N)	99.999%	Cl	< 5 ppm

Form

Pellet, powder, ingot, rod

Application

Have been widely used in semiconductor, aerospace control, nuclear physics, optical fiber communication, infrared optics, solar cells, chemical catalyst, biomedical and other fields

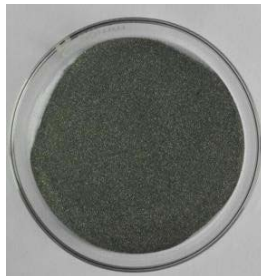
Package

Packed with polyester fiber film, and plastic film encapsulation or glass tube with vacuum encapsulation

6N Ge



Ge Powder



GeO₂

