

Antimony (Sb)

Physical Property

Standard atomic weight: 121.760
Melting point: 630.63°C

Density: 6.697 g/cm³
Boiling point: 1587 °C

Specification

Specification	Purity	Testing Impurity	Total Impurity Content
High Purity Sb (5N)	99.999%	Ag, As, Bi, Au, Cd, Cu, Mg, Mn, Ni, Pb, S, Zn, Si, Fe	< 10 ppm
Ultra Purity Sb (6N)	99.9999%	Ag, As, Bi, Au, Cd, Cu, Mg, Mn, Ni, Pb, S, Zn, Si, Fe	< 1 ppm
Ultra High Purity Sb (7N)	99.99999%	Ag, Au, Cu, Mg, Ni, Pb, Zn, Fe	< 0.1 ppm

Form

Pellet, powder, ingot, rod

Application

Use for preparation III-V elements chemical compound, semiconductor, high purity metal, electronic refrigerating cell material and germanium, dopant of monocrystal silicon

Package

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

6N Sb



Sb Powder



Sb₂O₃

