

Antimony (Sb) Evaporation Pieces

Material Type	Antimony	Z Ratio	0.768
Symbol	Sb	E-Beam	Poor
Atomic Weight	121.76		Boat: Mo*** Ta***
Atomic Number	51	Thermal Evaporation Techniques	Coil: Mo, Ta
Color/Appearance	Silvery, Lustrous Gray, Semi-metallic		Basket: Mo, Ta
Thermal Conductivity	24 W/m.K		Crucible: BN, C, Al ₂ O ₃
Melting Point (°C)	630		10-8: 279
Coefficient of Thermal Expansion	11 x 10 ⁻⁶ /K	Temp. (°C) for Given Vap. Press. (Torr)	10-6: 345
Theoretical Density (g/cc)	6.62		10-4: 425
Purity:	99.99%, 99.999% 99.9999%		