

Tantalum (Ta) Evaporation Wire

Material Type	Tantalum	Z Ratio	0.262
Symbol	Ta	E-Beam	Excellent
Atomic Weight	180.94788	E-Beam Crucible Liner Material	Fabmate®, Graphite
Atomic Number	73		10-8: 1,960
Color/Appearance	Gray Blue, Metallic	Temp. (°C) for Given Vap. Press. (Torr)	10-6: 2,240
Thermal Conductivity	57 W/m.K		10-4: 2,590
Melting Point (°C)	2,996		
Coefficient of Thermal Expansion	6.3 x 10 ⁻⁶ /K		
Theoretical Density (g/cc)	16.6		
Purity:	99.999 % 99.99%		