

Gold (Au) Evaporation Wire

Material Type	Gold	Z Ratio	0.381
Symbol	Au	E-Beam	Excellent
Atomic Weight	196.966569	Thermal Evaporation Techniques	Boat: W*** Mo*** W
Atomic Number	79		Crucible: Al ₂ O ₃ , BN
Color/Appearance	Gold, Metallic	E-Beam Crucible Liner Material	Fabmate®, Tungsten
Thermal Conductivity	320 W/m.K		10-8: 807
Melting Point (°C)	1,064	Temp. (°C) for Given Vap. Press. (Torr)	10-6: 947
Coefficient of Thermal Expansion	14.2 x 10 ⁻⁶ /K		10-4: 1,132
Theoretical Density (g/cc)	19.3	Purity:	99.99% 99.999%