

Magnesium (Mg) Evaporation Pellets

Material Type	Magnesium	Z Ratio	1.61
Symbol	Mg	E-Beam	Good
Atomic Weight	24.305		Boat: W, Mo, Ta, Cb
Atomic Number	12	Thermal Evaporation Techniques	Coil: W
Color/Appearance	Silvery White, Metallic		Basket: W
Thermal Conductivity	160 W/m.K		Crucible: Al ₂ O ₃
Melting Point (°C)	649	E-Beam Crucible Liner Material	Fabmate®, Graphite, Tungsten
Coefficient of Thermal Expansion	8.2 x 10 ⁻⁶ /K		10-8: 185
Theoretical Density (g/cc)	1.74	Temp. (°C) for Given Vap. Press. (Torr)	10-6: 247
Purity:	99.999% 99.99%		10-4: 327
		UN Number	1869