

Manganese (Mn) Evaporation Pieces

Material Type	Manganese	Z Ratio	0.377
Symbol	Mn	E-Beam	Good
Atomic Weight	54.938045		Boat: W, Ta, Mo
Atomic Number	25	Thermal Evaporation Techniques	Coil: W
Color/Appearance	Silvery Metallic		Basket: W
Thermal Conductivity	7.8 W/m.K		Crucible: Al ₂ O ₃
Melting Point (°C)	1,244	E-Beam Crucible Liner Material	Tungsten
Coefficient of Thermal Expansion	21.7 x 10 ⁻⁶ /K		10-8: 507
Theoretical Density (g/cc)	7.2	Temp. (°C) for Given Vap. Press. (Torr)	10-6: 572
Purity:	99.95% 99.99%		10-4: 647