

Yttrium (Y) Evaporation Pieces

Material Type	Yttrium	Z Ratio	0.835
Symbol	Y	E-Beam	Excellent
Atomic Weight	88.90585	Thermal Evaporation Techniques	Boat: W, Ta
Atomic Number	39		Coil: W
Color/Appearance	Silvery White, Metallic		Basket: W
Thermal Conductivity	17.2 W/m.K		Crucible: Al ₂ O ₃
Melting Point (°C)	1,522	E-Beam Crucible Liner Material	Tungsten
Coefficient of Thermal Expansion	10.6 x 10 ⁻⁶ /K	Temp. (°C) for Given Vap. Press. (Torr)	10-8: 830
Theoretical Density (g/cc)	4.34		10-6: 973
Purity:	99.95 % 99.99%		10-4: 1,157