

Cobalt (Co) Evaporation Pellets

Material Type	Cobalt †	Ferromagnetic	Magnetic Material
Symbol	Co	Z Ratio	0.343
Atomic Weight	58.933195	E-Beam	Excellent
Atomic Number	27		Boat: W, Nb
Color/Appearance	Lustrous, Metallic, Grayish Tinge	Thermal Evaporation Techniques	Basket: W
Thermal Conductivity	100 W/m.K		Crucible: Al ₂ O ₃
Melting Point (°C)	1,495	E-Beam Crucible Liner Material	Direct in Hearth
Coefficient of Thermal Expansion	13.0 x 10 ⁻⁶ /K		10-8: 850
Theoretical Density (g/cc)	8.9	Temp. (°C) for Given Vap. Press. (Torr)	10-6: 990
Purity:	99.95% 99.999%		10-4: 1,200