

Iron (Fe) Evaporation Pellets

Material Type	Iron †	Ferromagnetic	Magnetic Material
Symbol	Fe	Z Ratio	0.349
Atomic Weight	55.845	E-Beam	Excellent
Atomic Number	26		Boat: W
Color/Appearance	Lustrous, Metallic, Grayish Tinge	Thermal Evaporation Techniques	Coil: W
Thermal Conductivity	80 W/m.K		Basket: W
Melting Point (°C)	1,535		Crucible: Al ₂ O ₃
Coefficient of Thermal Expansion	11.8 x 10 ⁻⁶ /K	E-Beam Crucible Liner Material	Fabmate®*
Theoretical Density (g/cc)	7.86		10-8: 858
Purity:	99.9% 99.95%	Temp. (°C) for Given Vap. Press. (Torr)	10-6: 998
			10-4: 1,180