

Niobium (Nb) Evaporation Wire

Material Type	Niobium	Z Ratio	0.492
Symbol	Nb	E-Beam	Excellent
Atomic Weight	92.90638	E-Beam Crucible Liner Material	Fabmate®
Atomic Number	41		10-8: 1,728
Color/Appearance	Gray, Metallic	Temp. (°C) for Given Vap. Press. (Torr)	10-6: 1,977
Thermal Conductivity	54 W/m.K		10-4: 2,287
Melting Point (°C)	2,468	Purity:	99.95% 99.99%
Coefficient of Thermal Expansion	7.3 x 10 ⁻⁶ /K		
Theoretical Density (g/cc)	8.578		