

Tantalum Pentoxide (Ta₂O₅) Evaporation Tablets

Material Type	Tantalum Pentoxide	Z Ratio	0.3
Symbol	Ta ₂ O ₅	E-Beam	Good
Color/Appearance	White, Crystalline Solid	Boat:	Ta
Melting Point (°C)	1,872	Coil:	W
Theoretical Density (g/cc)	8.2	Thermal Evaporation Techniques	Basket: W
Purity:	99.999 % 99.99%	Crucible:	VitC
		E-Beam Crucible Liner Material	Fabmate®, Tantalum
			10-8: 1,550
		Temp. (°C) for Given Vap. Press. (Torr)	10-6: 1,780
			10-4: 1,920