

### Terbium (Tb) Sputtering Targets

|                                         |                            |                                   |                |
|-----------------------------------------|----------------------------|-----------------------------------|----------------|
| <b>Material Type</b>                    | Terbium                    | <b>Theoretical Density (g/cc)</b> | 8.27           |
| <b>Symbol</b>                           | Tb                         | <b>Z Ratio</b>                    | 0.66           |
| <b>Atomic Weight</b>                    | 158.92535                  | <b>Sputter</b>                    | RF             |
| <b>Atomic Number</b>                    | 65                         | <b>UN Number</b>                  | 2813           |
| <b>Color/Appearance</b>                 | Silvery White, Metallic    | <b>Purity:</b>                    | 99.99%, 99.95% |
| <b>Thermal Conductivity</b>             | 11 W/m.K                   |                                   |                |
| <b>Melting Point (°C)</b>               | 1,356                      |                                   |                |
| <b>Coefficient of Thermal Expansion</b> | 10.3 x 10 <sup>-6</sup> /K |                                   |                |