

Silicon (Si) Sputtering Targets

Material Type	Silicon	Theoretical Density (g/cc)	2.32
Symbol	Si	Dopant	Undoped
Atomic Weight	28.0855	Z Ratio	0.712
Atomic Number	14	Sputter	RF
Color/Appearance	Dark Gray with a Bluish Tinge, Semi-Metallic	Max Power Density	80
Thermal Conductivity	150 W/m.K	(Watts/Square Inch)	
Melting Point (°C)	1,410	Type of Bond	Indium
Bulk Resistivity	>1 OHM-CM	Purity:	99.999%,99.99%, 99.9999%
Coefficient of Thermal Expansion	2.6 x 10-6/K		