

Silicon (Si (N-type)) Sputtering Targets

Material Type	Silicon (N-type)	Theoretical Density (g/cc)	2.32
Symbol	Si (N-type)	Dopant	Phosphorous, Arsenic, or Antimony
Atomic Weight	28.0855	Z Ratio	0.712
Atomic Number	14	Sputter	DC, 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	<0.1 OHM-CM	Purity:	99.999%,99.99%, 99.9999%
Coefficient of Thermal Expansion	2.6 x 10-6/K		