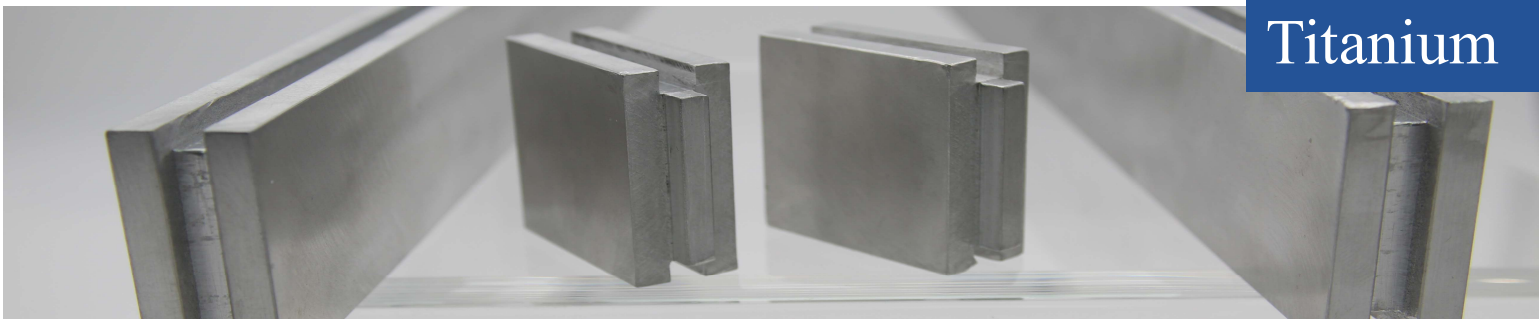



# SCI Engineered Materials



## Titanium

### Available Configurations

Planar	Rotatable
Round up to X" dia	Monolithic
Square up to X" x X"	Multi Tile Assembly
OEM Configurations	
Mu, Chi, Upsilon, Delta	

### Purity

99.995% (4N5)

### Applications

Pigments & Additives
Marine & Aerospace
Biocompatible Implants
Reflective Coatings
TiO <sub>2</sub> for High Refraction Index & Optical Dispersion

### Property

### Measurement

Melting Point	1941 K (1668 °C, 3034 °F)
Boiling Point	3560 K (3287 °C, 5949 °F)
Density (Solid) (Liquid)	4.506 g/cm <sup>3</sup> 4.11 g/cm <sup>3</sup>
Heat of Fusion	14.15 kJ/mol
Heat of Vaporization	425 kJ/mol

### Vapor Pressure

P (Pa)	1	10	100	1k	10k	100k
at T (K)	1982	2171	2403	2692	3064	3558

### Crystal Structure

hexagonal close-packed (hcp)

