

Material: Titanium alloy

Model: TC4

Form: as Cast

Physical Properties	Metric	Comment
Density	4.4 g/cc	NA
Tensile Strength, Ultimate	950 MPa	NA
Tensile Strength, Yield	880 MPa	NA
Elongation at Break	14 %	NA
Elasticity Modulus	110 GPa	NA
Shear Modulus	44 GPa	NA
CTE, Linear	8.6 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	NA
Thermal Conductivity	6.7 W/m-K	NA
Specific Heat Capacity	0.526 J/g- $^{\circ}\text{C}$	NA