

Material: Ni alloy

Model: Inconel

Form: as Cast

Physical Properties	Metric	Comment
Density	8.8 g/cc	NA
Tensile Strength, Ultimate	1270 MPa	NA
Tensile Strength, Yield	1000MPa	NA
Elongation at Break	12%	NA
Elasticity Modulus	--- GPa	NA
Shear Modulus	--- GPa	NA
CTE, Linear	--- $\mu\text{m}/\text{m}^{\circ}\text{C}$	NA
Thermal Conductivity	--- W/m-K	NA
Specific Heat Capacity	--- J/g- $^{\circ}\text{C}$	NA