

Material: Aluminum Alloy

Model: AA6063 -T6

Form: Slab

Physical Properties	Metric	Comment
Density	2.7 g/cc	NA
Tensile Strength, Ultimate	241 MPa	NA
Tensile Strength, Yield	214 MPa	NA
Elongation at Break	18 %	NA
Elasticity Modulus	70 GPa	NA
Shear Modulus	26 GPa	NA
CTE, Linear	23.4 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	NA
Thermal Conductivity	200 W/m-K	NA
Specific Heat Capacity	0.9 J/g $\cdot^{\circ}\text{C}$	NA