

Material: Aluminum Alloy

Model: AA6063 -T6

Form: Slab

Physical Properties	Metric	Comment
Density	2.7 g/cc	NA
Tensile Strength, Ultimate	300 MPa	NA
Tensile Strength, Yield	275 MPa	NA
Elongation at Break	17 %	NA
Elasticity Modulus	70 GPa	NA
Shear Modulus	26 GPa	NA
CTE, Linear	23.6 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	NA
Thermal Conductivity	167 W/m-K	NA
Specific Heat Capacity	0.896 J/g- $^{\circ}\text{C}$	NA