

Material: Aluminum Alloy

Model: AA7075 -T651

Form: Slab

Physical Properties	Metric	Comment
Density	2.81 g/cc	NA
Tensile Strength, Ultimate	572 MPa	NA
Tensile Strength, Yield	503 MPa	NA
Elongation at Break	11 %	NA
Elasticity Modulus	71.7 GPa	NA
Shear Modulus	26.9 GPa	NA
CTE, Linear	23.4 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	NA
Thermal Conductivity	130 W/m-K	NA
Specific Heat Capacity	0.96 J/g- $^{\circ}\text{C}$	NA