

Material: Aluminum Alloy 5052

Model: AA5052 -H32

Form: Slab

Physical Properties	Metric	Comment
Density	2.68 g/cc	NA
Tensile Strength, Ultimate	228 MPa	NA
Tensile Strength, Yield	193 MPa	NA
Elongation at Break	12 %	NA
Elasticity Modulus	70 GPa	NA
Shear Modulus	26 GPa	NA
CTE, Linear	23.8 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	NA
Thermal Conductivity	138 W/m-K	NA
Specific Heat Capacity	0.88 J/g- $^{\circ}\text{C}$	NA