

Material: Stainless Steel

Model: SUS304

Form: Slab / Rod

Physical Properties	Metric	Comment
Density	8.0 g/cc	NA
Tensile Strength, Ultimate	505 MPa	NA
Tensile Strength, Yield	215 MPa	NA
Elongation at Break	70 %	NA
Elasticity Modulus	193 GPa	NA
Shear Modulus	77 GPa	NA
CTE, Linear	17.3 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	NA
Thermal Conductivity	16.2 W/m-K	NA
Specific Heat Capacity	0.5 J/g- $^{\circ}\text{C}$	NA