

Material: Stainless Steel

Model: SUS430 annealed

Form: Slab / Rod

Physical Properties	Metric	Comment
Density	7.8 g/cc	NA
Tensile Strength, Ultimate	517 MPa	NA
Tensile Strength, Yield	310 MPa	NA
Elongation at Break	30 %	NA
Elasticity Modulus	200 GPa	NA
Shear Modulus	NA	NA
CTE, Linear	10.4 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$	NA
Thermal Conductivity	26.1 W/m-K	NA
Specific Heat Capacity	0.46 J/g $\cdot^{\circ}\text{C}$	NA