

METAL / ALLOY	THERMAL CONDUCTIVITY [W/mK]	COEFFICIENT OF THERMAL EXPANSION [ppm/K]	DENSITY [g/cc]	MODULUS OF RIGIDITY [GPa]	YIELD STRENGTH [MPa]
Copper	400	17	8.9	44.1	310
Aluminum 5052	150	25	2.7	25.9	215
Aluminum 6061	150	25	2.7	26	230