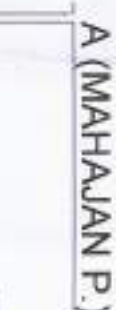


Material	Yield strength (MPa)	Tensile strength (MPa)	Elongation at break (%)	Modulus of elasticity (GPa)	Poisson's ratio	Thermal expansion coefficient (1/K)	Thermal conductivity (W/mK)	Specific heat capacity (J/kgK)	Density (kg/m³)
Aluminum 6061-T6	276	324	12.5	69	0.33	23.6	167	897	2700
Aluminum 7075-T6	505	572	9.0	71	0.33	23.6	167	897	2810
Aluminum 2024-T3	276	324	12.5	69	0.33	23.6	167	897	2700
Aluminum 5052-H32	235	276	15.0	69	0.33	23.6	167	897	2700
Aluminum 3003-H14	193	228	18.0	69	0.33	23.6	167	897	2700
Aluminum 1100-H14	138	168	22.0	69	0.33	23.6	167	897	2700
Aluminum 3003-H18	193	228	18.0	69	0.33	23.6	167	897	2700
Aluminum 5052-H34	235	276	15.0	69	0.33	23.6	167	897	2700
Aluminum 7075-T6	505	572	9.0	71	0.33	23.6	167	897	2810
Aluminum 2024-T3	276	324	12.5	69	0.33	23.6	167	897	2700
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