

Table NO. 3 Properties of aluminium [31]

Material properties	Value	Material properties	Value
ρ (kg/m ³)	2750	Tr (K)	293
E (GPa)	72.2	Tm (K)	775
μ	0.35	D1	0.112
A (MPa)	369	D2	0.123
B (MPa)	684	D3	1.5
c	0.0083	D4	0.007
n	0.73	D5	0
m	1.7		