

5754 H111

Chemical Properties

Element	Chemical Composition %
Manganese (Mn)	0.50 max
Iron (Fe)	0.40 max
Magnesium (Mg)	2.60 - 3.20
Silicon (Si)	0.40 max
Aluminium (Al)	Balance

Mechanical Properties

Property	Value
Proof stress	80 MPa min
Tensile strength	190 - 260 MPa
Elongation	12% min

Physical Properties

Property	Value
Density	2.66 g/cm ³
Melting point	600°C
Thermal expansion	24 x 10 ⁻⁶ /K
Modulus of elasticity	68 GPa
Thermal conductivity	147 W/m.k
Electrical resistivity	0.049 x 10 ⁻⁶ Ω.m

Product Forms

Treadplate

Disclaimer

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