



6063 T66 Aluminum Sheet

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EN AW-6063 T66

Equivalent Materials

EN AW-6063

DIN AlMg0.7Si

AA 6063



Properties

Dimension

Property	Value
Thickness	10 - 25 mm

Mechanical

Property	Temperature	Value
Elongation	23.0 °C	8 %
Elongation A50	23.0 °C	6 %
Hardness, Brinell	23.0 °C	80 [-]
Tensile strength	23.0 °C	225 MPa
Yield strength Rp0.2	23.0 °C	180 MPa

Chemical properties

Property	Value
Aluminium	balance
Chromium	0.1 %
Copper	0.1 %
Iron	0.35 %
Magnesium	0.45 - 0.9 %
Manganese	0.1 %
Other	0.05 - 0.15 %
Silicon	0.2 - 0.6 %
Titanium	0.1 %
Zinc	0.1 %