

7075 Aluminum Foil (Light Tight)

Formula: Al90/Zn 5.5/Mg 2.5/Cu 1.5/Si 0.5

Temper: T6

Thickness: 2.5mm

Length 1: 150mm

Length 2: 150mm

UOM Code: 035-500-47

SKU: 1000004697-group

Product Code: AL20-FL-000300

Material Properties for Alloys

Mechanical Properties

Element	Value
Hardness - Brinell	150
Elongation at break(%)	5-8%
Shear strength(MPa)	331
Tensile strength(MPa)	510-538

Electrical Properties

Element	Value
Electrical resistivity(μOhmcm)	5.15
Temperature coefficient(K^{-1})	-

Thermal Properties

Element	Value
Melting point(C)	447-635
Thermal conductivity($\text{W m}^{-1} \text{K}^{-1}$)	130@20°C
Coefficient of thermal expansion($\times 10^{-6} \text{K}^{-1}$)	24.4@20-250°C

Physical Properties

Element	Value
Density(gcm^{-3})	2.8