

# Aluminium Alloy

## QQ-A-250/29 ~ AMS 4101 T851 Plate



### SPECIFICATIONS

Commercial	2124
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### CHEMICAL COMPOSITION

SAE AMS QQ A 250/29 Alloy QQ A 250/29	
Element	% Present
Copper (Cu)	3.8 - 4.9
Magnesium (Mg)	1.2 - 1.8
Manganese (Mn)	0.3 - 0.9
Iron (Fe)	0.3 max
Zinc (Zn)	0.25 max
Silicon (Si)	0.2 max
Titanium + Zirconium (Ti+Zr)	0.2 max
Titanium (Ti)	0.15 max
Others (Total)	0.15 max
Chromium (Cr)	0.1 max
Other (Each)	0.05 max
Aluminium (Al)	Balance

### MECHANICAL PROPERTIES

These Mechanical Properties apply to Plate in the T851 condition

Thickness (mm)	Proof Strength (Min)	Tensile Strength (Min)	Elongation % (Min)
Over 38.1 up to & incl. 50.8	393	455	5
Over 50.8 up to & incl. 76.2	393	448	4
Over 76.2 up to & incl. 101.6	386	448	4
Over 101.6 up to & incl. 127	379	441	4
Over 127 up to & incl. 152.4	372	434	4

### TEMPER TYPES

AMS QQ-A-250/29 ~ AMS 4101 Plate is supplied in T851 temper

- T851 - Solution heat treated then stress relieved by stretching then artificially aged.

### SUPPLIED FORMS

Alloy AMS QQ-A-250/29 ~ AMS 4101 T851 is supplied as Plate

- Plate

## CONTACT

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## REVISION HISTORY

Datasheet Updated	18 December 2013
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