



Aluminium Alloy - AMS4101 (QQ-A-250/29) T851 Plate

SPECIFICATIONS

Commercial	2124
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CHEMICAL COMPOSITION

SAE AMS 4101 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 (Ti)	0.15 max
Others (Total)	0.15 max
Chromium (Cr)	0.1 max
Other (Each)	0.05 max
Aluminium (Al)	Balance

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

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



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CONTACT

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REVISION HISTORY

Datasheet Updated	05 December 2013
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DISCLAIMER

This Data is indicative only and as such is not to be relied upon in place of the full specification. In particular, mechanical property requirements vary widely with temper, product and product dimensions. All information is based on our present knowledge and is given in good faith. No liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon.

Please note that the 'Datasheet Update' date shown above is no guarantee of accuracy or whether the datasheet is up to date.

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