

Aluminium Alloy

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



SPECIFICATIONS

Commercial	2124
------------	------

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

Address:	Gould Alloys Ltd Markham Lane Markham Vale Chesterfield S44 5HS United Kingdom
Tel:	+44 (0) 1246 263300
Email:	sales@gouldalloys.co.uk
Web:	www.gouldalloys.co.uk

REVISION HISTORY

Datasheet Updated	18 December 2013
-------------------	------------------

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.

The information provided in this datasheet has been drawn from various recognised sources, including EN Standards, recognised industry references (printed & online) and manufacturers' data. No guarantee is given that the information is from the latest issue of those sources or about the accuracy of those sources.

Material supplied by the Company may vary significantly from this data, but will conform to all relevant and applicable standards.

As the products detailed may be used for a wide variety of purposes and as the Company has no control over their use; the Company specifically excludes all conditions or warranties expressed or implied by statute or otherwise as to dimensions, properties and/or fitness for any particular purpose, whether expressed or implied.

Advice given by the Company to any third party is given for that party's assistance only and without liability on the part of the Company. All transactions are subject to the Company's current Conditions of Sale. The extent of the Company's liabilities to any customer is clearly set out in those Conditions; a copy of which is available on request.