

Chemical Composition

Element	% Present
Si	0.5 Max
Fe	0.5 Max
Cu	3.8-4.9
Mn	0.3-0.9
Cr	0.1 Max
Mg	1.2-1.8
Zn	0.25 Max
Ti	0.15 Max
Ti & Zr	0.2 Max
Al	Remainder

Mechanical Properties – Indicative Only

Temper	T3 / T3510 / T3511 /	T42	O	T81 / T8510 / T8511
Yield Stress (ksi)	42 Min	38 Min	19 Max	56 Min
Tensile Strength (ksi)	52 Min	57 Min	36 Max	64 Min
Elongation A5 (%)	10 Min	10 Min	12 Min	5 Min

NB: Mechanical Property requirements vary with dimensions of product

Supplied Forms

QQ-A-200/3 – 2024 aluminium is supplied in Bar, Rod, Wire, Tube and Extruded Sections. ■

This Data is indicative only and must not be seen as a substitute for the full specification from which it is drawn. In particular, the mechanical property requirements vary widely with temper, product and product dimensions. The information is based on our present knowledge and is given in good faith. However, no liability will be accepted by the Company in respect of any action taken by any third party in reliance thereon. 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. Any 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. Any contract between the Company and a customer will be subject to the Company's 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.

www.amari-aerospace.com

Unit 1, Mauretania Road, Nursling, Southampton
SO16 OYS United Kingdom
Tel: 023 8074 2750 / Fax: 023 8074 1947
e-mail: sales@amari-aerospace.com