

SPECIFICATIONS

Commercial 6101B

CHEMICAL COMPOSITION

EN573-3:2009
6101B

Element	% Present
Magnesium (Mg)	0.35 - 0.6
Silicon (Si)	0.3 - 0.6
Iron (Fe)	0.1 - 0.3
Others (Total)	0.1 max
Zinc (Zn)	0.1 max
Copper (Cu)	0.05 max
Manganese (Mn)	0.05 max
Other (Each)	0.03 max

TEMPER TYPES

- T6 - Solution heat treated and artificially aged

SUPPLIED FORMS

- Bar
- Extrusions
- Rod
- Tube

MECHANICAL PROPERTIES

EN755-2:2008
6101B Extrusions
Up to 15mm

Property	Value
Proof Stress	160 Min MPa
Elongation A50 mm	6 Min %
Tensile Strength	215 Min N/mm2

15mm Dimension is Diameter for Round Bars, Width Across Flats for Hexagon & Square Bars, Thickness for Flat Bars or Wall Thickness for Tube & Profiles,

CONTACT

Address: Please make contact directly with your local service centre, which can be found via the Locations page of our web site
Web: www.aalco.co.uk

REVISION HISTORY

Datasheet Updated 13 November 2018

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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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