

SPECIFICATIONS

Commercial 6101A

CHEMICAL COMPOSITION

EN573-3:2009
6101A

Element	% Present
Magnesium (Mg)	0.40 - 0.90
Silicon (Si)	0.30 - 0.70
Iron (Fe)	0.0 - 0.40
Others (Total)	0.0 - 0.10
Copper (Cu)	0.0 - 0.05
Other (Each)	0.0 - 0.03

TEMPER TYPES

- T6 - Solution heat treated and artificially aged

SUPPLIED FORMS

- Bar
- Extrusions
- Tube
- Rod

MECHANICAL PROPERTIES

EN755-2:2008
Extruded Bar
Up to 150mm

Property	Value
Proof Stress	170 Min MPa
Elongation A50 mm	8 Min %
Tensile Strength	200 Min N/mm ²

150mm dimension is Diameter for Round Bar, Thickness for Flat Bar and Width Across Flats for Hexagon & Square.
The above Values also apply for Extruded Tube up to 25mm Wall Thickness and Extruded Profiles up to 50mm Wall Thickness.

CONTACT

Address: 180/3, Nagar Kalyan Road, A/P: Bhalawani.
Tal : Parner, Dist. Ahmednagar - 414103,
Maharashtra (INDIA).
Web: www.galaluminium.in

REVISION HISTORY

Datasheet Updated 01-April-2019

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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.

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