

Aluminium Alloy

6101A - T6 Extrusions



SPECIFICATIONS

Commercial	6101A
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CHEMICAL COMPOSITION

EN573-3:2009
6101A

Element	% Present
Magnesium (Mg)	0.4 - 0.9
Silicon (Si)	0.3 - 0.7
Iron (Fe)	0.4 max
Others (Total)	0.1 max
Copper (Cu)	0.05 max
Other (Each)	0.03 max

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.

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REVISION HISTORY

Datasheet Updated	13 November 2018
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