



## Aluminium Alloy - 6101B T6 Extrusions

### SPECIFICATIONS

Commercial	6101B
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### 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/mm <sup>2</sup>

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

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### REVISION HISTORY

Datasheet Updated	13 November 2018
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