

## Aluminium

## 6101A T6 Bar & Extrusion

Datasheet Updated  
05 August 2021

### SPECIFICATIONS

Commercial	6101A T6
EN	6101A T6

A heat treatable wrought aluminium alloy used in the manufacture and construction of electrical power distribution components and equipment.

### CHEMICAL COMPOSITION

EN573-3  
6101A

Element	% Present
Copper (Cu)	0.00 - 0.05
Iron (Fe)	0.00 - 0.40
Magnesium (Mg)	0.40 - 0.90
Other (Each)	0.00 - 0.03
Others (Total)	0.00 - 0.10
Silicon (Si)	0.30 - 0.70

### TEMPER TYPES

- T6

### SUPPLIED FORMS

- Bar
- Tube
- Extrusions
- Rod

### MECHANICAL PROPERTIES

6101A  
Extruded Bar Up to 150mm

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

EN755-2  
Extruded Bar Up to 150mm

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

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