

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/mm ²

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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