Aluminium Alloy
PLANCAST PLUS PLATE 5754

SPECIFICATIONS

Commercial	5754

PLANCAST PLUS Plate is available:
> In thicknesses from 5mm to 100mm
> Standard Width 1520mm
> Standard Lengths 3020mm or 4000mm
It is also available in cut pieces

CHEMICAL COMPOSITION

PLANCAST PLUS
5754 Plate

Element	% Present
Magnesium (Mg)	2.60 - 3.60
Manganese (Mn)	0.0 - 0.50
Iron (Fe)	0.0 - 0.40
Silicon (Si)	0.0 - 0.40
Chromium (Cr)	0.0 - 0.30
Zinc (Zn)	0.0 - 0.20
Titanium (Ti)	0.0 - 0.15
Copper (Cu)	0.0 - 0.10
Aluminium (Al)	Balance

SUPPLIED FORMS

- Plate

GENERIC PHYSICAL PROPERTIES

Property	Value
Density	2.66 g/cm³
Melting Point	600 °C
Thermal Expansion	24 x10^{-6} /K
Modulus of Elasticity	70 GPa
Thermal Conductivity	140-160 W/m.K
Heat Capacity	900 J/kgK
Electrical Conductivity	17-23 MS/m

MECHANICAL PROPERTIES

PLANCAST PLUS 5754
Plate
5mm - 100mm thick

Property	Value
Proof Stress	90 Min MPa
Tensile Strength	200 Min MPa
Elongation A50 mm	12 Min %
Hardness Brinell	55 Min HB

CONTACT

Address: Please make contact directly with your local service centre, which can be found via the Locations page of our web site

Web: www.aalco.co.uk

REVISION HISTORY

Datasheet Updated 09 April 2019

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