

SPECIFICATIONS

Commercial	5754
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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)	2.6 - 3.6
Manganese (Mn)	0.5 max
Iron (Fe)	0.4 max
Silicon (Si)	0.4 max
Chromium (Cr)	0.3 max
Zinc (Zn)	0.2 max
Titanium (Ti)	0.15 max
Copper (Cu)	0.1 max
Aluminium (Al)	Balance

SUPPLIED FORMS

- Plate

GENERIC PHYSICAL PROPERTIES

Property	Value
Density	2.66 g/cm ³
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

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REVISION HISTORY

Datasheet Updated	09 April 2019
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