

# Cast, milled plates on both sides

ALXAL 5754; EN 5754; EN 573-3

**Mechanical properties ( the European standard does not establish any range of mechanical properties for cast materials, these are typical values )**

Tensile strength Rm ( MPa )	Yield strength Rp0,2 (MPa)	Ductility A5 (%)	Hardness HBW
170-240	70-90	5-15	50-60

**Chemical composition according to EN 573-3 ( AlMg3 )**

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Note	Other individually	The last total	Al Min.
0,4	0,4	0,1	0,5	2,6-3,6	0,3	0,2	0,15	0,1-0,6 Mn+Cr	0,05	0,15	Residue

**Thicknesses in stock [mm]**

5,00 6,00 8,00 10,00 12,00 15,00 20,00 25,00 30,00 40,00 50,00

In the case of taking the entire plate, any thickness can be produced in the range from 4.00 to 150.00 mm.

**Thickness tolerance [mm]**

+/- 0,100 on request +/- 0,05 mm for format 1590 x 3040 mm

**Flatness [mm/m]**

Thickness 4,00 – 5,99 mm	1,00
Thickness 6,00 –14,99 mm	0,40
Thickness 15,00–150,00 mm	0,15

**Formats in stock [mm] (\*)**

1590x3040 and other

(\*) Consult the sales department for the current availability of formats

**Surface specification**

Roughness	Ra=max 0,4um
Laser foil 0,1 mm	both sides

**Contact with foodstuffs according to EN 602**

Yes