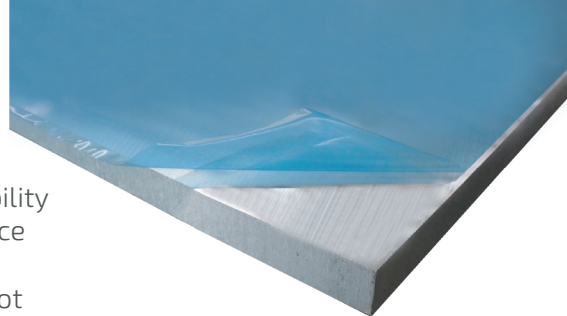




SERIES 7000 ●

AW 7075 RECTIFIED (Al Zn5,5MgCu)

The aluminium alloy AW 7075 rectified combines good dimensional stability with high mechanical strength. The excellent leveling and the low surface roughness, protected by a plastic film, make milling unnecessary. This alloy is used in machines and equipment, transport tables, jigs, robot arms and other tools and accessories.



CHEMICAL COMPOSITION (WEIGHT %) (EN 573 - 3)

ELEMENTS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
Minimum	-	-	1.2	-	2.1	0.18	5.1	-
Maximum	0.4	0.5	2	0.3	2.9	0.28	6.1	0.2

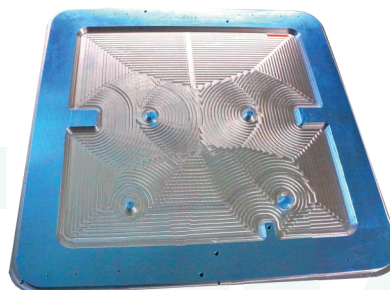
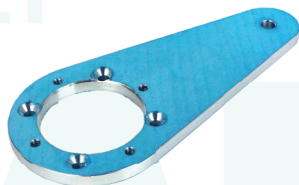
MECHANICAL PROPERTIES

PLATES (EN 485 - 2)

THICKNESSES (mm)	STATE	Rm* (MPa)	Rp0.2* (MPa)	A50* (%)
≥ 8 - 12.5	T651	540	460	7
12.5 - 25		540	470	8
25 - 50		530	460	8
50 - 60		525	440	-
60 - 80		495	420	-

*Minimum values.

POLY

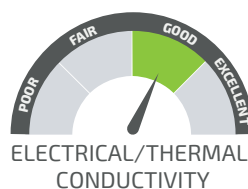


MAIN CHARACTERISTICS

- Excellent machinability
- Good polishing
- High mechanical strength
- Good welding characteristics
- Good dimensional stability
- Good anodizing

APPLICATIONS

- Machines and equipment
- Tools and accessories
- Transport tables
- Robot arms
- Jigs
- Mechanical Engineering





SERIES 7000

PHYSICAL PROPERTIES

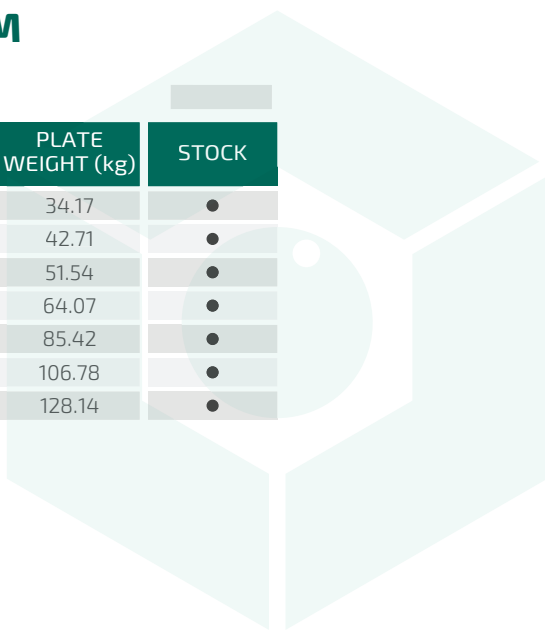
DENSITY	2.81 g/cm ³
MODULUS OF ELASTICITY	72 000 MPa
LINEAR EXPANSION COEFFICIENT	23.6 10 ⁻⁶ . K ⁻¹
THERMAL CONDUCTIVITY	115-140 W/mK
ELCTRICAL CONDUCTIVITY	17-21 MS/m

DELIVERY PROGRAM

PLATES

THICKNESSES (mm)	DIMENSIONS (mm)	PLATE WEIGHT (kg)	STOCK
8	1520 x 3020	34.17	●
10	1520 x 3020	42.71	●
12	1520 x 3020	51.54	●
15	1520 x 3020	64.07	●
20	1520 x 3020	85.42	●
25	1520 x 3020	106.78	●
30	1520 x 3020	128.14	●

Average weights of production.
Other dimensions on request.



POLY

LANEWA

● Standard: generally available from stock
 ● Semi-standard: generally not available from stock
 ○ Non-standard: generally not available from stock, manufactured to order and subject to special conditions