



Inspection certificate 3.1

Cert No:	1134316	According to:	EN 10204:2004	Date of issue:	10/04/2025
Customer:		Order No:	1000040508/140	OrderDate:	26/03/2025
Alloy/Temper:	EN AW-6060 / T66	Cust. Order No:	S2500927/140		
Profile Code:	040015	Description:	SYM. L40x40x2		

The extruded products are in compliance with the requirements of the order. The stated values are representative for the profiles extruded and comply with the following European Standards:

i. Chemical composition and form of products according to:	EN 573-3:2019
ii. Technical conditions for inspection and delivery according to:	EN 755-1:2016
iii. Mechanical properties according to:	EN 755-2:2016
iv. Tolerances on dimensions and form according to:	EN 755-9:2016
v. Temper designation according to:	EN 515:2017

1. Chemical Composition

EN AW-6060	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other		Al
Should be within:	0,30-0,60	0,10-0,30	0,10	0,10	0,35-0,60	0,05	0,15	0,10	Each	Total	Rest
Charge No: 101479	0,45	0,18	0,007	0,07	0,45	0,002	0,01	0,024	0,05	0,15	Rest

The chemical composition test results are obtained by the aluminium billet supplier. Traceability procedures are being operated and the corresponding inspection documents can be provided.

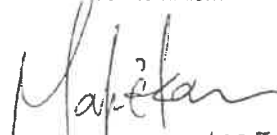
2. Mechanical Properties

Inspection Date	Charge No	Bundle Nr	Profile	Alloy	Temper	Webster Hardness	Tensile Strength Rm (N/mm ²)	Yield Strength Rp 0.2 (N/mm ²)	Elongation A%
07/04/2025	101479	1134316	040015	6060	T66	13	224	179	13,19
07/04/2025	101479	1134318	040015	6060	T66	13	223	193	13,41
07/04/2025	101479	1134326	040015	6060	T66	13	223	193	13,41

The material hardness is tested after the heat treatment procedures. Traceability procedures are being operated and the corresponding inspection documents can be provided.

Mechanical properties as 755-2 indicated, are derived from tensile tests as per EN 6892-1:2019 and the number of specimens comply with the regulations described in EN 755-1.

COSMOS Aluminium


Yannis Mamidakis

Production Manager