



Inspection certificate 3.1

According to: **EN 10204:2004**

Customer: A + A Pardubice spol. s r.o.

Alloy/Temper:	EN AW-6060 / T66	Cust. Order No:	OV-1495/19-832516
Profile Code:	040023	Description:	SYM. L50x50x5

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 573-3:2013
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 755-9:2008
v. Temper designation according to:	EN 515:2017

1. Chemical Composition

EN AW-6060	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other		Al
									Each	Total	
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	0,05	0,15	Rest
Charge No: 52730	0,44	0,2	0,0033	0,03	0,44	0,0083	0,012	0,015	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	Brinell Hardness	Tensile Strength R _m (N/mm ²)	Yield Strength R _{p0.2} (N/mm ²)	Elongation A%
10/6/2019	52730	538633	040023	6060	T66	14	80	227	188	12,61

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 6892:2016 and the number of specimens comply with the regulations described in EN 755-1.

COSMOS Aluminium

Venetia Zierra

Quality Production Executive