



Wolverine Tube, Inc
 2100 Market Street
 Decatur, AL 35601
 800-633-3972

**CERTIFIED INSPECTION REPORT FOR
 EXTRUDED PRODUCTS**

WOLVERINE TUBE, INC.

	OUR ORDER NUMBER 18639-3	DIE NUMBER WS10177	DATE OF SHIPMENT 12/7/2022
	CUSTOMER PO 600717- LA	ALLOY 6061	TEMPER T6
MANIFEST NUMBER 36279	CUSTOMER PART NUMBER 7986	DESCRIPTION 4 x 4 x .250 Angle American Std.	

We hereby certify that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.

Tickets: 188040 188042
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Application Specifications: ASTM B221-20

J. D. Dargatzis

Quality Assurance
 Wolverine Tube Inc.

Chemical Limits

	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Each	Total
ALLOY 6061 TYPE P																				
Minimum	0.40	0.14	0.15	0.00	0.8	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.15
Maximum	0.80	0.40	0.29	0.15	1.2	0.35	0.00	0.25	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
Density:	0.098 g/cm3																			

Chemical Composition

Cast Number	Alloy	Type	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
79342	6061	P	0.65	0.24	0.25	0.06	0.9	0.07	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	REM	0.00

Note: The cast #'s for all lot numbers ending in /12, /13, etc are the same for lot #'s ending in /11. The numbers after the slash denote a different heat treat oven load.

Country of Origin: U.S.A