

6061-T6511 extrusion | Certificate excerpt

Redacted example from Nox Metals' material records. Customer, order and traceability identifiers removed.
Example only; the certificate supplied with your order identifies your material and its requirements.

Certified Inspection Report



Hydro Extrusion USA, LLC
1550 N. Hydro Way
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SPANISH FORK, UT
84660-1349

Composition Limits

Alloy	Alloy		Si		Fe		Cu		Mn		Mg		Cr	
	PCT (%)		PCT (%)		PCT (%)		PCT (%)		PCT (%)		PCT (%)		PCT (%)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	--	--	0.40	0.80	--	0.70	0.15	0.40	--	0.15	0.80	1.20	0.04	0.35
Alloy	Zn		Ti		Others Each		Others Total							
	PCT (%)		PCT (%)		PCT (%)		PCT (%)							
	Min	Max	Min	Max	Min	Max	Min	Max						
6061	--	0.25	--	0.15	--	0.05	--	0.15						

Composition Results

Heat / Cust	Alloy	Country of Melt	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
6061	US		0.71	0.40	0.27	0.06	0.81	0.05	0.05	0.02	--	--

Mechanical Property - Test Limits

Test Type			UTS - L		TYS - L		EL 4D-Long	
UOM			KSI		KSI		PCT	
# of Test			--		--		--	
Test Temper	Lot Number	# of Tests	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
T6511		7	42.9	47.1	39.4	44.7	15.5	18.0

Notes
Mercury is not a normal contaminant in aluminum alloys and we do not knowingly use it in the manufacture of our goods.
Extrusions produced to T6511 temper also meet T6 temper requirements
Extruded in the USA
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