ADDENDUM TO TEAL SHEETS
International Alloy Designations and Chemical Composition Limits for Wrought Aluminum and Wrought Aluminum Alloys

April 15, 2026

Alloy Designations and Chemical Composition Limits Registered Since Publication of 2025 Edition of the Teal Sheets

Registered International Designation																						OTHERS		Al
																					Additional Elements			
No.	Date	By	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ag	B	Bi	Ga	Li	Pb	Sn	V	Zr		Each	Total	Minimum
7089	2025-07-27	USA	0.15	0.30	0.40	0.30	1.4-2.1	0.02-0.20	...	6.0-7.2	0.05	...	...	...	...	...	...	...	0.06-0.25	...	...	0.05	0.15	Rem.
3024	2025-12-02	USA	0.20-0.7	0.20-0.8	0.10-0.6	0.8-1.6	0.8-1.6	0.20	...	0.6	0.10	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Rem.

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CALCULATED NOMINAL DENSITIES FOR ACTIVE WROUGHT ALUMINUM AND WROUGHT ALUMINUM ALLOYS

Density is dependent upon composition and nominal density is determined by computation rather than by a weight method. The values shown below have been computed in accordance with the Aluminum and Aluminum Alloy Density Calculation Procedure appearing on pages 2-13 and 2-14 of Aluminum Standards and Data.[20] These calculated densities are nominal values and should not be specified as engineering requirements but may be used in calculating nominal values for weight per unit length, weight per unit area, covering area, etc.

Limiting the expression of nominal density to the number of decimal places indicated is based on the fact that composition variations are discernible from one cast to another for most alloys. The expression of nominal density to more decimal places than allowed by the following implies higher precision than is justified and should not be used.

1. Alloys listed below which have a minimum aluminum content of 99.35% or greater have nominal density values which are rounded in the US customary system (lbs/in^3) to the nearest multiple of 0.0005 and in the metric system [$(kg/m^3) \times 10^3$] to the nearest multiple of 0.005.

2. Alloys listed below which have a minimum aluminum content of less than 99.35% have nominal density values which are rounded in the US customary system (lbs/in^3) to the nearest multiple of 0.001 and in the metric system [$(kg/m^3) \times 10^3$] to the nearest multiple of 0.01.

The US customary (lbs/in^3) unit values are derived from metric values and subsequently rounded and are not to be back-converted to metric values.

	Density	
Designation	$lbs/in.^3$	$(kg/m^3) \times 10^3$
7089	0.101	2.80
3024	0.098	2.72