

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

**December 8, 2022**

**Alloy Designations and Chemical Composition Limits Registered Since Publication of 2018 Edition of the Teal Sheets**

Registered International Designation			Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ag	B	Bi	Ga	Li	Pb	Sn	V	Zr	Additional Elements	OTHERS		AI	
No.	Date	By																				Each	Total	Minimum	
8031	2022-08-31	Korea	...	0.30-0.6	0.30-0.50	...	...	...	...	...	0.01-0.03	...	0.001-0.01	...	...	...	...	...	...	...	...	...	0.05	0.15	Rem.
8376	2022-08-08	Russia	0.12	0.40-0.8	0.04	0.01	0.02	0.01	...	0.05	...	...	0.02	...	0.03	...	...	...	...	...	...	V+Ti 0.02	0.03	0.10	Rem.
6026A	2022-08-23	USA	0.6-1.4	0.7	0.20-0.50	0.20-1.0	0.6-1.2	0.30	...	0.30	0.20	...	...	0.50-1.5	...	...	0.10	...	...	...	...	...	0.05	0.15	Rem.
8027	2021-03-05	USA	...	...	...	...	3.6-4.4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Cerium 7.2-8.8	0.10	0.50	Rem.
6282	2021-04-16	USA	0.9-1.2	0.30	0.30	0.30 - 0.8	0.8 - 1.2	0.15 - 0.40	...	0.25	0.02	...	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Rem.
6083	2020-09-21	Russia	0.9-1.2	0.20	0.05	0.20 - 0.40	0.8 - 1.1	0.10 - 0.30	...	0.10	0.06 - 0.10	...	...	...	...	...	...	...	...	...	...	In 0.001 - 0.01	0.02	0.10	Rem.
4062	2021-03-12	Netherlands	23.0-26.0	0.20-0.7	1.7-2.3	0.30	1.2-1.9	0.10	0.20-0.7	0.20	0.20	...	...	...	...	...	...	...	...	0.10-0.30	...	...	0.10	0.30	Rem.
6035	2020-09-08	USA	0.7 - 1.4	0.50	0.6 - 1.0	0.40 - 1.0	0.6 - 1.0	0.25	...	0.20	0.20	...	...	...	...	...	...	...	...	0.07 - 0.20	...	...	0.05	0.15	Rem.
6039	2020-05-21	USA	0.5 - 0.9	0.40	0.05- 0.35	0.3 - 0.6	0.5 - 0.9	0.15 - 0.25	...	0.25	0.02	...	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Rem.
3033	2020-04-24	Russia	0.20	0.08 - 0.30	0.10	0.70 - 1.30	0.20 - 0.70	...	0.001 - 0.10	0.10	0.02 - 0.06	...	0.005	...	...	...	...	...	...	0.03 - 0.15	Ce 0.001 - 0.10 Ni+Ces0.15	0.05	0.15	Rem.	
5181	2020-03-20	Russia	0.06 - 0.16	0.12 - 0.22	0.10	0.40 - 0.8	4.3 - 5.3	0.08 - 0.18	...	0.25	0.15	...	...	...	...	...	...	...	0.10	0.08 - 0.18	Sc 0.01 - 0.09 Ca 0.10	0.05	0.15	Rem.	
2077	2019-12-13	Italy	0.40-1.0	0.7	4.0-5.0	0.6-1.2	0.6-1.2	0.20	0.20	0.25	0.15	0.15	...	0.20-0.9	...	0.15	...	...	...	0.15	...	...	0.05	0.15	Rem.
7048	2019-12-13	USA	0.20	0.40	0.10-0.6	0.30	1.1-1.7	0.20	...	7.1-8.2	0.06	...	...	...	...	...	...	...	...	0.10-0.25	...	...	0.05	0.15	Rem.
6034	2019-06-20	USA	0.20-0.7	0.15-0.25	0.30	0.20-0.50	0.20-0.7	0.15-0.40	...	0.10	0.02	...	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Rem.
2046	2019-01-29	USA	0.08	0.10	3.2 - 3.9	0.20 - 0.50	0.20 - 0.6	...	...	0.40 - 0.8	0.10	0.15	...	...	...	0.7 - 1.1	...	...	...	0.06 - 0.14	...	...	0.05	0.15	Rem.
2064	2019-01-10	USA	0.10	0.10	3.0 - 4.0	0.10 - 0.50	0.20 - 0.50	...	...	0.40 - 1.0	0.10	0.25 - 0.7	...	...	...	0.7 - 1.1	...	...	...	0.05 - 0.15	...	...	0.05	0.15	Rem.
6029	2019-03-28	USA	0.50 - 0.9	0.10 - 0.30	0.6 - 1.7	0.10 - 0.20	0.7 - 1.1	0.05 - 0.15	...	0.25	0.15	...	...	...	...	...	...	...	...	...	...	...	0.05	0.15	Rem.
5081	2019-04-29	Russia	0.06 - 0.16	0.12 - 0.18	0.10	0.40 - 0.8	4.9 - 5.3	0.08 - 0.18	...	0.25	0.15	...	...	...	...	...	...	...	0.10	0.06 - 0.18	Sc 0.05 - 0.14 Ca 0.10 Be 0.03	0.05	0.15	Rem.	

Registered International Designation	Product	Date Deactivated
4007	Cobalt and Oxygen	09/19/2018
7064	Cobalt and Oxygen	09/19/2018
7090	Cobalt and Oxygen	09/19/2018