

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

June 26, 2023

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 |
|--------------------------------------|------------|-------------|-------------|-------------|-----------|-------------|-------------|-------------|--------------|------------|-------------|------------|------------|----------|------|-----------|------|-----|------|-------------|---|--------|-------|------|
| | | | | | | | | | | | | | | | | | | | | | | Each | Total | |
| 2050A | 2023-01-26 | USA | 0.08 | 0.10 | 3.2-3.9 | 0.20-0.50 | 0.20-0.6 | 0.05 | 0.05 | 0.25 | 0.10 | 0.20-0.7 | ... | ... | 0.05 | 0.7-1.0 | ... | ... | 0.05 | 0.06-0.14 | ... | 0.05 | 0.15 | Rem. |
| 6094 | 2023-02-10 | USA | 0.7-1.2 | 0.40 | 0.40-0.8 | 0.05-0.50 | 0.7-1.2 | 0.05-0.50 | ... | 0.10 | 0.10 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 0.05 | 0.15 | Rem. |
| 2007C | 2022-12-05 | USA | 0.8 | 0.8 | 3.3-4.6 | 0.20-1.0 | 0.40-1.8 | 0.10 | 0.20 | 0.8 | 0.20 | ... | ... | 0.10-1.0 | ... | ... | 0.10 | ... | ... | ... | ... | 0.05 | 0.15 | Rem. |
| 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+Ce≤0.15 | 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. |

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| 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 |