

オーステナイト系ステンレス 化学成分表

| SUS | C | Si | Mn | P | S | Ni | Cr | Mo | Cu | その他 |
|--------|-------------|-------------|--------------|--------|--------|---------------|---------------|-------------|-------------|-------------------------|
| 201 | ≦0.15 | ≦1.00 | 5.50 ~ 7.50 | ≦0.060 | ≦0.030 | 3.50 ~ 5.50 | 16.00 ~ 18.00 | — | — | N≦0.25 |
| 202 | ≦0.15 | ≦1.00 | 7.50 ~ 10.00 | ≦0.060 | ≦0.030 | 4.00 ~ 6.00 | 17.00 ~ 19.00 | — | — | N≦0.25 |
| 301 | ≦0.15 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 6.00 ~ 8.00 | 16.00 ~ 18.00 | — | — | — |
| 301L | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 6.00 ~ 8.00 | 16.00 ~ 18.00 | — | — | N≦0.20 |
| 301J1 | 0.08 ~ 0.12 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 7.00 ~ 9.00 | 16.00 ~ 18.00 | — | — | — |
| 302 | ≦0.15 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 8.00 ~ 10.00 | 17.00 ~ 19.00 | — | — | — |
| 302B | ≦0.15 | 2.00 ~ 3.00 | ≦2.00 | ≦0.045 | ≦0.030 | 8.00 ~ 10.00 | 17.00 ~ 19.00 | — | — | — |
| 303 | ≦0.15 | ≦1.00 | ≦2.00 | ≦0.200 | ≧0.150 | 8.00 ~ 10.00 | 17.00 ~ 19.00 | (1) | — | — |
| 303Cu | ≦0.08 | ≦1.00 | ≦2.50 | ≦0.200 | ≧0.250 | 8.00 ~ 10.00 | 17.00 ~ 19.00 | (1) | 2.50 ~ 4.00 | — |
| 303Se | ≦0.15 | ≦1.00 | ≦2.00 | ≦0.200 | ≦0.060 | 8.00 ~ 10.00 | 17.00 ~ 19.00 | — | — | Se≧0.15 |
| 304 | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 8.00 ~ 10.50 | 18.00 ~ 20.00 | — | — | — |
| 304L | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 9.00 ~ 13.00 | 18.00 ~ 20.00 | — | — | — |
| 304N1 | ≦0.08 | ≦1.00 | ≦2.50 | ≦0.045 | ≦0.030 | 7.00 ~ 10.50 | 18.00 ~ 20.00 | — | — | N0.10 ~ 0.25 |
| 304N2 | ≦0.08 | ≦1.00 | ≦2.50 | ≦0.045 | ≦0.030 | 7.50 ~ 10.50 | 18.00 ~ 20.00 | — | — | N0.15 ~ 0.30 Nb≦0.15 |
| 304LN | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 8.50 ~ 11.50 | 17.00 ~ 19.00 | — | — | N0.12 ~ 0.22 |
| 304J1 | ≦0.08 | ≦1.70 | ≦3.00 | ≦0.045 | ≦0.030 | 6.00 ~ 9.00 | 15.00 ~ 18.00 | — | 1.00 ~ 3.00 | — |
| 304J2 | ≦0.08 | ≦1.70 | 3.00 ~ 5.00 | ≦0.045 | ≦0.030 | 6.00 ~ 9.00 | 15.00 ~ 18.00 | — | 1.00 ~ 3.00 | — |
| 304J3 | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 8.00 ~ 10.50 | 17.00 ~ 19.00 | — | 1.00 ~ 3.00 | — |
| 305 | ≦0.12 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 10.50 ~ 13.00 | 17.00 ~ 19.00 | — | — | — |
| 305J1 | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 11.00 ~ 13.50 | 16.50 ~ 19.00 | — | — | — |
| 306H | ≦0.15 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 8.00 ~ 10.00 | 16.00 ~ 18.00 | 添加 | — | N添加 |
| 309S | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 12.00 ~ 15.00 | 22.00 ~ 24.00 | — | — | — |
| 310S | ≦0.08 | ≦1.50 | ≦2.00 | ≦0.045 | ≦0.030 | 19.00 ~ 22.00 | 24.00 ~ 26.00 | — | — | — |
| 316 | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 10.00 ~ 14.00 | 16.00 ~ 18.00 | 2.00 ~ 3.00 | — | — |
| 316L | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 12.00 ~ 15.00 | 16.00 ~ 18.00 | 2.00 ~ 3.00 | — | — |
| 316N | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 10.00 ~ 14.00 | 16.00 ~ 18.00 | 2.00 ~ 3.00 | — | N0.10 ~ 0.22 |
| 316LN | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 10.50 ~ 14.50 | 16.50 ~ 18.50 | 2.00 ~ 3.00 | — | N0.12 ~ 0.22 |
| 316Ti | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 10.00 ~ 14.00 | 16.00 ~ 18.00 | 2.00 ~ 3.00 | — | Ti≧5×C |
| 316J1 | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 10.00 ~ 14.00 | 17.00 ~ 19.00 | 1.20 ~ 2.75 | 1.00 ~ 2.50 | — |
| 316J1L | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 12.00 ~ 16.00 | 17.00 ~ 19.00 | 1.20 ~ 2.75 | 1.00 ~ 2.50 | — |
| 316F | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.010 | 10.00 ~ 14.00 | 16.00 ~ 18.00 | 2.00 ~ 3.00 | — | — |
| 317 | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 11.00 ~ 15.00 | 18.00 ~ 20.00 | 3.00 ~ 4.00 | — | — |
| 317L | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 11.00 ~ 15.00 | 18.00 ~ 20.00 | 3.00 ~ 4.00 | — | — |
| 317LN | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 11.00 ~ 15.00 | 18.00 ~ 20.00 | 3.00 ~ 4.00 | — | N0.10 ~ 0.22 |
| 317J1 | ≦0.04 | ≦1.00 | ≦2.50 | ≦0.045 | ≦0.030 | 15.00 ~ 17.00 | 16.00 ~ 19.00 | 4.00 ~ 6.00 | — | — |
| 317J2 | ≦0.06 | ≦1.50 | ≦2.00 | ≦0.045 | ≦0.030 | 12.00 ~ 16.00 | 23.00 ~ 26.00 | 0.50 ~ 1.20 | — | N0.25 ~ 0.40 |
| 317J3L | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 11.00 ~ 13.00 | 20.50 ~ 22.50 | 2.00 ~ 3.00 | — | N0.18 ~ 0.30 |
| 317J4L | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 24.00 ~ 26.00 | 19.00 ~ 24.00 | 5.00 ~ 7.00 | — | N≦0.25 |
| 317J5L | ≦0.02 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 23.00 ~ 28.00 | 19.00 ~ 23.00 | 4.00 ~ 5.00 | 1.00 ~ 2.00 | — |
| 321 | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 9.00 ~ 13.00 | 17.00 ~ 19.00 | — | — | Ti≧5×C |
| 347 | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 9.00 ~ 13.00 | 17.00 ~ 19.00 | — | — | Nb≧10×C |
| 384 | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 17.00 ~ 19.00 | 15.00 ~ 17.00 | — | — | — |
| XM7 | ≦0.08 | ≦1.00 | ≦2.00 | ≦0.045 | ≦0.030 | 8.50 ~ 10.50 | 17.00 ~ 19.00 | — | 3.00 ~ 4.00 | — |
| XM15J1 | ≦0.08 | 3.00 ~ 5.00 | ≦2.00 | ≦0.045 | ≦0.030 | 11.50 ~ 15.00 | 15.00 ~ 20.00 | — | — | — |

注 (1) Moは、0.6%以下を添加することができる。

オーステナイト・フェライト系ステンレス 化学成分表

| SUS | C | Si | Mn | P | S | Ni | Cr | Mo | Cu | その他 |
|--------|-------|-------|-------|--------|--------|-------------|---------------|-------------|----|--------------|
| 329J1 | ≦0.08 | ≦1.00 | ≦1.50 | ≦0.040 | ≦0.030 | 3.00 ~ 6.00 | 23.00 ~ 28.00 | 1.00 ~ 3.00 | — | — |
| 329J3L | ≦0.03 | ≦1.00 | ≦2.00 | ≦0.040 | ≦0.030 | 4.50 ~ 6.50 | 21.00 ~ 24.00 | 2.50 ~ 3.50 | — | N0.08 ~ 0.20 |
| 329J4L | ≦0.03 | ≦1.00 | ≦1.50 | ≦0.040 | ≦0.030 | 5.50 ~ 7.50 | 24.00 ~ 26.00 | 2.50 ~ 3.50 | — | N0.08 ~ 0.30 |

フェライト系ステンレス 化学成分表

| SUS | C | Si | Mn | P | S | Ni | Cr | Mo | Cu | その他 |
|--------|--------|-------|-------|--------|--------|-----|---------------|-------------|-------------|--|
| 405 | ≦0.08 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 11.50 ~ 14.50 | — | — | Al0.10 ~ 0.30 |
| 410L | ≦0.03 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 11.00 ~ 13.50 | — | — | — |
| 429 | ≦0.12 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 14.00 ~ 16.00 | — | — | — |
| 430 | ≦0.12 | ≦0.75 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 16.00 ~ 18.00 | — | — | — |
| 430F | ≦0.12 | ≦1.00 | ≦1.25 | ≦0.060 | ≧0.150 | (2) | 16.00 ~ 18.00 | (1) | — | — |
| 430LX | ≦0.03 | ≦0.75 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 16.00 ~ 19.00 | — | — | Ti又は Nb0.10 ~ 1.00 |
| 430J1L | ≦0.025 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 16.00 ~ 20.00 | — | 0.30 ~ 0.80 | N≦0.025 Nb8×(C+N)-0.80 |
| 434 | ≦0.12 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 16.00 ~ 18.00 | 0.75 ~ 1.25 | — | — |
| 436L | ≦0.025 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 16.00 ~ 19.00 | 0.75 ~ 1.25 | — | N≦0.025 Ti,Nb,Zr又は それらの組合せ 8×(C+N)~0.80 |
| 436J1L | ≦0.025 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 17.00 ~ 20.00 | 0.40 ~ 0.80 | — | N≦0.025 Nb8×(C+N)-0.80 |
| 444 | ≦0.025 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 17.00 ~ 20.00 | 1.75 ~ 2.50 | — | N≦0.025 Ti,Nb,Zr又は それらの組合せ 8×(C+N)~0.80 |
| 447J1 | ≦0.01 | ≦0.40 | ≦0.40 | ≦0.030 | ≦0.020 | (4) | 28.50 ~ 32.00 | 1.50 ~ 2.50 | (4) | N≦0.015 |
| XM27 | ≦0.01 | ≦0.40 | ≦0.40 | ≦0.030 | ≦0.020 | (4) | 25.00 ~ 27.50 | 0.75 ~ 1.50 | (4) | N≦0.015 |

マルテンサイト系ステンレス 化学成分表

| SUS | C | Si | Mn | P | S | Ni | Cr | Mo | Cu | その他 |
|-------|-------------|-------|-------|--------|--------|-------------|---------------|-------------|----|---------------|
| 403 | ≦0.15 | ≦0.50 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 11.50 ~ 13.00 | — | — | — |
| 410 | ≦0.15 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 11.50 ~ 13.50 | — | — | — |
| 410S | ≦0.08 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 11.50 ~ 13.50 | — | — | — |
| 410F2 | ≦0.15 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 11.50 ~ 13.50 | — | — | Pb0.05 ~ 0.30 |
| 410J1 | 0.08 ~ 0.18 | ≦0.60 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 11.50 ~ 14.00 | 0.30 ~ 0.60 | — | — |
| 416 | ≦0.15 | ≦1.00 | ≦1.25 | ≦0.060 | ≧0.150 | (2) | 12.00 ~ 14.00 | (1) | — | — |
| 420J1 | 0.16 ~ 0.25 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 12.00 ~ 14.00 | — | — | — |
| 420J2 | 0.26 ~ 0.40 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 12.00 ~ 14.00 | — | — | — |
| 420F | 0.26 ~ 0.40 | ≦1.00 | ≦1.25 | ≦0.060 | ≦0.150 | (2) | 12.00 ~ 14.00 | (1) | — | — |
| 420F2 | 0.26 ~ 0.40 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 12.00 ~ 14.00 | — | — | Pb0.05 ~ 0.30 |
| 429J1 | 0.25 ~ 0.40 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 15.00 ~ 17.00 | — | — | — |
| 431 | ≦0.20 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | 1.25 ~ 2.50 | 15.00 ~ 17.00 | — | — | — |
| 440A | 0.60 ~ 0.75 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 16.00 ~ 18.00 | (3) | — | — |
| 440B | 0.75 ~ 0.95 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 16.00 ~ 18.00 | (3) | — | — |
| 440C | 0.95 ~ 1.20 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | (2) | 16.00 ~ 18.00 | (3) | — | — |
| 440F | 0.95 ~ 1.20 | ≦1.00 | ≦1.25 | ≦0.060 | ≧0.150 | (2) | 16.00 ~ 18.00 | (3) | — | — |

析出硬化系ステンレス 化学成分表

| SUS | C | Si | Mn | P | S | Ni | Cr | Mo | Cu | その他 |
|-------|-------|-------|-------|--------|--------|-------------|---------------|----|-------------|---------------|
| 630 | ≦0.07 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | 3.00 ~ 5.00 | 15.00 ~ 17.50 | — | 3.00 ~ 5.00 | Nb0.15 ~ 0.45 |
| 631 | ≦0.09 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | 6.50 ~ 7.75 | 16.00 ~ 18.00 | — | — | Al0.75 ~ 1.50 |
| 631J1 | ≦0.09 | ≦1.00 | ≦1.00 | ≦0.040 | ≦0.030 | 7.00 ~ 8.50 | 16.00 ~ 18.00 | — | — | Al0.75 ~ 1.50 |

- 注 (1) Moは、0.6%以下を添加することができる。
 (2) Niは、0.6%以下を含有してもよい。
 (3) Moは、0.75%以下を添加することができる。
 (4) Ni0.5%以下、Cu0.2%以下およびNi+Cu0.5%以下を含有してもよい。

備考 SUS329J1、SUS329J3L、SUS329J4L、SUS447J1、SUSXM27およびSUSXM15J1は、表以外の合金元素を添加することができる。