

SAE/AISI 條鋼、線材半成品合金鋼化學成分表

| UNS 記號 | SAE 記號 | 化學成分% | | | | | | | | |
|-----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|------------------|
| | | C | Mn | P | S | Si | Ni | Cr | Mo | 其他 |
| G13350 | 1335 | 0.33~0.38 | 1.60~1.90 | 0.030以下 | 0.040以下 | 0.15~0.35 | — | — | — | — |
| G13400 | 1340 | 0.38~0.43 | 0.70~0.90 | | | | | | | |
| G40230 | 4023 | 0.20~0.25 | | | | | | | | |
| G40270 | 4027 | 0.25~0.30 | | | | | | | | |
| G40370 | 4037 | 0.35~0.40 | | | | | | | | |
| G40470 | 4047 | 0.45~0.50 | | | | | | | | |
| G41200 | 4118 | 0.18~0.23 | 0.70~0.90 | 0.030以下 | 0.040以下 | 0.15~0.35 | — | 0.40~0.60 | 0.08~0.15 | — |
| G41200 | 4120 | | 0.90~1.20 | | | | | | 0.13~0.20 | |
| G13000 | 4130 | 0.28~0.33 | 0.40~0.60 | 0.030以下 | 0.040以下 | 0.15~0.35 | — | 0.80~1.10 | 0.15~0.25 | — |
| G13700 | 4137 | 0.35~0.40 | 0.70~0.90 | | | | | | | |
| G41400 | 4140 | 0.38~0.43 | 0.75~1.00 | | | | | | | |
| G41420 | 4142 | 0.40~0.45 | | | | | | | | |
| G41450 | 4145 | 0.43~0.48 | | | | | | | | |
| G41500 | 4150 | 0.48~0.53 | | | | | | | | |
| G43200 | 4320 | 0.17~0.22 | 0.45~0.65 | | | | | | | |
| G43400 | 4340 | 0.38~0.43 | 0.60~0.80 | 0.70~0.90 | | | | | | |
| G46200 | 4620 | 0.17~0.22 | 0.45~0.65 | 0.030以下 | 0.040以下 | 0.15~0.35 | 1.65~2.00 | — | 0.20~0.30 | — |
| G48200 | 4820 | 0.18~0.23 | 0.50~0.70 | | | | 3.25~3.75 | | | |
| G50461 | 50B46 | 0.44~0.49 | 0.75~1.00 | 0.030以下 | 0.040以下 | 0.15~0.35 | 0.20~0.35 | — | — | B : 0.0005-0.003 |
| G51200 | 5120 | 0.17~0.22 | 0.70~0.90 | | | | 0.70~0.90 | | | |
| G51300 | 5130 | 0.28~0.33 | | | | | 0.80~1.10 | | | |
| G51320 | 5132 | 0.30~0.35 | 0.60~0.80 | | | | 0.75~1.00 | | | |
| G51400 | 5140 | 0.38~0.43 | 0.70~0.90 | | | | — | 0.70~0.90 | | |
| G51500 | 5150 | 0.48~0.53 | | | | | | | | |
| G51600 | 5160 | 0.56~0.64 | 0.75~1.00 | | | | — | — | | |
| G51601 | 51B60 | | | | | | | | | |
| G61500 | 6150 | 0.48~0.53 | 0.70~0.90 | 0.030以下 | 0.040以下 | 0.15~0.35 | — | 0.80~1.10 | — | V : 0.15以上 |
| G86150 | 8615 | 0.16~0.18 | 0.70~0.90 | 0.030以下 | 0.040以下 | 0.15~0.35 | 0.40~0.70 | 0.40~0.60 | 0.15~0.25 | — |
| G86170 | 8617 | 0.15~0.20 | | | | | | | | |
| G86200 | 8250 | 0.18~0.23 | | | | | | | | |
| G86220 | 8622 | 0.20~0.25 | | | | | | | | |
| G86300 | 8630 | 0.28~0.33 | | | | | | | | |
| G86400 | 8640 | 0.38~0.43 | 0.75~1.00 | | | | | | | |
| G86450 | 8645 | 0.43~0.48 | | | | | | | | |
| G87200 | 8720 | 0.18~0.23 | 0.70~0.90 | — | — | — | — | — | 0.20~0.30 | |
| G88220 | 8822 | 0.20~0.25 | 0.75~1.00 | | | | | | 0.30~0.40 | |
| G92590 | 9259 | 0.56~0.64 | 0.75~1.00 | 0.030以下 | 0.040以下 | 0.70~1.10 | — | 0.45~0.65 | — | — |
| G92600 | 9260 | | | | | 1.80~2.20 | | — | | |

註：殘留元素Cu：0.35%以下，Ni：0.25%以下，Cr：0.20%以下，Mo：0.06%以下。