|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Substance | Melting Point Temperature *- t - (oC)* | Latent Heat of Melting *- Lf -(kJ/kg)* | Boiling Point - Vaporization -  Temperature *- t -(oC)* | Latent Heat of Evaporation *- Lv -(kJ/kg)* |
| Aluminum | 659 | 399 | 2,327 | 10,530 |
| Brass | 930 |   |   |   |
| Cobalt | 1480 |   | 2900 |   |
| Copper | 1,083 | 207 | 2,595 | 4,730 |
| Ethyl alcohol | -114 | 108 | 78.3 | 855 |
| Gold | 1,063 | 64 | 2,600 | 1,577 |
| Graphite |   |   | 3500 |   |
| Hydrogen | -259 | 58.0 | -253 | 455 |
| Lead | 328 | 23 | 1,750 | 859 |
| Manganese | 1260 |   | 2150 |   |
| Magnesium | 650 |   | 1110 |   |
| Mercury | -38.8 | 11 | 357 | 295 |
| Molybdenum | 2620 |   | 5560 |   |
| Nickel | 1455 |   | 2730 |   |
| Nitrogen | -210 | 25.7 | -196 | 200 |
| Oxygen | -219 | 13.9 | -183 | 213 |
| Silver | 962 | 111 | 1,950 | 2,356 |
| Titanium | 1700 |   | 3260 |   |
| Tungsten | 3370 |   | 5930 |   |
| Zinc | 420 |   | 906 |   |
| Water | 0 | 335 | 100 | 2,272 |