

WEIGHTS OF METALS

| MATERIAL | CHEMICAL SYMBOL | WEIGHT IN POUNDS PER CUBIC INCH | WEIGHT IN POUNDS PER CUBIC FOOT |
|-------------------|-----------------|---------------------------------|---------------------------------|
| Aluminum | Al | 0.093 | 160 |
| Antimony | Sb | 0.2422 | 418 |
| Brass | — | 0.303 | 524 |
| Bronze | — | 0.32 | 552 |
| Chromium | Cr | 0.2348 | 406 |
| Copper | Cu | 0.323 | 558 |
| Gold | Au | 0.6975 | 1,205 |
| Iron (cast) | Fe | 0.26 | 450 |
| Iron (wrought) | Fe | 0.2834 | 490 |
| Lead | Pb | 0.4105 | 710 |
| Maganese | Mn | 0.2679 | 463 |
| Mercury | Hg | 0.491 | 849 |
| Molybdenum | Mo | 0.309 | 534 |
| Monel | — | 0.318 | 550 |
| Platinum | Pt | 0.818 | 1,413 |
| Steel (mild) | — | 0.2816 | 490 |
| Steel (stainless) | — | 0.277 | 484 |
| Tin | Sn | 0.265 | 459 |
| Titanium | Ti | 0.1278 | 221 |
| Zinc | Zn | 0.258 | 446 |

COLORS AND APPROXIMATE TEMPERATURE FOR CARBON STEEL

| | |
|------------------------------|---------|
| Black Red | 990°F |
| Dark Blood Red | 1,050°F |
| Dark Cherry Red | 1,175°F |
| Medium Cherry Red | 1,250°F |
| Full Cherry Red | 1,375°F |
| Light Cherry, Scalding | 1,550° |
| Salmon, Free Scalding | 1,650°F |
| Light Salmon | 1,725°F |
| Yellow | 1,825°F |
| Light Yellow | 1,975°F |
| White | 2,220°F |