

Specific Gravity of common Materials

| Material | Specific gravity (Kg/dm ³) |
|---------------------------------------|--|
| Acrylonitril-Buthadiene-Styrene (ABS) | 0.99 - 1.01 |
| Air (dry) | 0.0013 |
| Aluminum | 2.70 |
| Brass | 8.40 - 8.70 |
| Bronze | 7.40 - 8.90 |
| Carbon Monoxide | 0.0019 |
| Cast iron | 7.10 |
| Cellulose | 1.50 |
| Copper | 8.80 - 8.92 |
| Diamond | 3.51 |
| Diesel Oil | 0.80 - 0.85 |
| Epoxy Resin | 1.20 |
| Ethyl Alcohol 95% | 0.81 |
| Gasoline | 0.70 - 0.76 |
| Glass | 2.40 - 2.70 |
| Gold | 19.30 |
| Grease | 0.92 - 0.94 |
| Hydrogen | 0.0009 |
| Ice | 0.90 |
| Lead | 11.34 |
| Mercury | 13.60 |
| Mineral Oil | 0.85 - 0.95 |
| Oxygen | 0.0015 |
| Paper | 0.70 - 1.10 |
| Platinum | 21.45 |
| Polyamide (PA) | 1.04 - 1.50 |
| Polypropylene (PP) | 0.91 |
| Polystyrene (PS) | 0.94 - 1.00 |
| Polyvinyl Chloride, soft (PVC) | 0.96 - 0.98 |
| Rubber | 1.70 - 2.20 |
| Silver | 10.50 |
| Steel | 7.85 |
| Sulphuric Acid | 1.83 |
| Tin | 7.28 |
| Water | 1.00 |
| Zinc | 7.14 |

Note: the values in this table are average values and must be used as a guide only. In most cases, specific gravity (AKA: Specific Weight or Specific Density) varies with temperatyre, pressure, content of impurities, etc...