

Pure Metal Specific Gravity and Melt Points

Metal	Symbol	Melting Point F°	Melting Point °C	Specific Gravity	Weight in Troy Oz/Cu In
Aluminum	Al	1220	660	2.70	1.423
Antimony	Sb	1167	630	6.62	3.448
Beryllium	Be	2340	1280	1.82	.959
Bismuth	Bi	520	271	9.80	5.163
Cadmium	Cd	610	321	8.65	4.557
Carbon	C	---	---	2.22	1.170
Chromium	Cr	3430	1890	7.19	3.788
Cobalt	Co	2723	1495	8.90	8.900
Copper	Cu	1981	1083	8.96	4.719
Gold,24k Pure	Au	1945	1063	19.32	10.180
Iridium	Ir	4449	2454	22.50	11.849
Iron	Fe	2802	1539	7.87	4.145
Lead	Pb	621	327	11.34	5.973
Magnesium	Mg	1202	650	1.75	.917
Manganese	Mn	2273	1245	7.43	3.914
Molybdenum	Mo	4760	2625	10.20	5.347
Nickel	Ni	2651	1455	8.90	4.691
Osmium	Os	4892	2700	22.50	11.854
Palladium	Pd	2831	1555	12.00	6.322
Phosphorus	P	111	44	1.82	.959
Platinum,Pure	Pt	3224	1773	21.45	11.301
15% Irid Plat	---	3310	1821	21.59	11.301
10% Irid Plat	---	3270	1799	21.54	11.349
5% Irid Plat	---	3235	1779	21.50	11.325
Rhodium	Rh	3571	1966	12.44	6.553
Ruthenium	Ru	4500	2500	12.20	6.428
Silicon	Si	2605	1430	2.33	1.247
Silver,Pure	Ag	1761	961	10.49	5.525
Silver,Sterling	1645	896	10.36	5.457	---
Silver,Coin		1615	879	10.31	5.430
Tin	Sn	450	232	7.30	3.846
Zinc	Zn	787	419	7.10	3.758