



PMC CONNECTION

MELTING POINTS OF SELECTED METALS

METAL		° C	° F
Aluminum		660.2	1220.4
Brass		954	1749
Nu-Gold		1030	1886
Red Brass		1044	1910
Bronze		1060	1945
Copper		1083	1981.4
Gold		1063	1954.5
	18k green	988	1810
	18k yellow	927	1700
	18k white	943	1730
	18k red	902	1655
	14k green	963	1765
	14k yellow	879	1615
	14k white	996	1825
	14k red	935	1715
	10k green	860	1580
	10k yellow	907	1665
	10k white	1079	1975
	10k red	960	1760
Iron		1535	2793
Nickle Silver		1110	2030
Palladium		1554	2829
Platinum		1773.5	3224.3
	15% Iridio-	1821	3310
	10% Iridio-	1788	3250
	5% Iridio-P	1779	3235
Silver	Fine	960.5	1760.9
	Sterling	893	1640
	Coin	879	1615
Steel	99Fe 1C	1511	2750
Stainless steel	91 Fe 9 Cr	1371	2500
Titanium		1800	3272

HIGH TEMPERATURES JUDGED BY COLOR

° F	° C	COLOR
752	400	Red heat, visible in dark
885	474	Red heat, visible in twilight
975	525	Red heat, visible in daylight
1077	581	Red heat, visible in sunlight
1292	700	Dark red
1472	800	Dull Cherry red
1652	900	Cherry red
1832	1000	Bright Cherry red
2012	1100	Orange-red
2192	1200	Orange-yellow
2372	1300	Yellow-white
2552	1400	White welding heat
2732	1500	Brilliant white
2912	1600	Dazzling white, blue-white