

**Minerals Group**  
**Common Melting Points – °C**  
 [\* Variable Compositions]

METAL/ELEMENT [Symbol]	MELT °C	ALLOY	MELT °C
Carbon [C]	36/3700**	Stainless Steel*	~1500
Tungsten [W]	3422	Steel*	~1400
Osmium [Os]	3033	Bronze* [Cu, St]	~950
Molybdenum [Mo]	2623	Brass* [Cu, Zn]	~920
Vanadium [V]	1910	“Diecast”*	~550
Chromium [Cr]	1907	Solder* [St, Pb]	180-250
Platinum	1768	Pewter* [St, Sb, Cu]	~230
Titanium [Ti]	1668		
Palladium [Pd]	1555	Glass* [Silica*]	1400-1600
Iron [Fe]	1538	ROCK [*]	
Cobalt [Co]	1495	Quartz v Agate	~1713
Nickel [Ni]	1455	Orthoclase*	~1325
Manganese [Mn]	1246	Basalt/Gabbro*	1200
Silicon [Si]	1430	Magma/Lava*	800-1200
Copper [Cu]	1085	Albite*	~1104
Gold [Au]	1064	Andesite/Diorite*	~1000
Silver [Ag]	962	Marble	~870
Calcium [Ca]	839	Quartzite	~800
Aluminium [Al]	660	Rhyolite/Granite*	~800
Magnesium [Mg]	650	Amphibolite*	~750
Zinc [Zn]	420	Gneiss*	~700
Lead [Pb]	327	Migmatite*	~650
Cadmium [Cd]	321	Mica Schist*	~600
Tin [St]	232	Pegmatite*	~600
Lithium [Li]	180.5	Slate	~490
Sulphur [S]	115	Serpentine*	~400
Sodium [Na]	97.7		
Potassium [K]	63.4		
Phosphorous [P]	44		
Ice [H <sub>2</sub> O] (<32° F)	<0		
Mercury [Hg]	-39		
Oxygen [O]	-219		

\*\* Carbon sublimates without melting  
 [-40° Celsius = -40° Fahrenheit]