I. ELEMENTS

ATOMIC WEIGHT (MOLECULAR WEIGHT), T_m AND T_b OF ELEMENTS AND VARIOUS SUBSTANCE

Element or Substance	Symbol or Formula	Atomic Weight (Molecular Weight)	Melting Point, °C	Boiling Point at 760 mm Hg, °C
Alumina	Al_2O_3	101.94	2046	2700
Aluminium	Al	26.97	660	2100
Aluminium oxide	Al_2O_3	101.94	2046	2700
Antimony	Sb	121.76	630.5	1400
Arsenic	As	74.91	Under pressure 817	Sublimes 616
Asphalt	-	-	100	-
Barium	Ba	137.36	704	1638
Barium carbonate	$BaCO_3$	197.37	Under pressure 1740	-
Barium chloride	$BaCl_2$	208.4	960	1560
Bauxite	-	-	1820	-
Bauxite ore	-	-	1600-1800	-
Beryllium	Be	9.02	1280	-
Bismuth	Bi	209.0	271.3	1560
Borax	$Na_2B_4O_7.10H_2O$	-	Anhydrous 741	-

Element or Substance	Symbol or Formula	Atomic Weight (Molecular Weight)	Melting Point, °C	Boiling Point at 760 mm Hg, °C
Boric acid	H_3BO_3	61.84	Decompose on heating	-
Boron	B	10.82	2300	2550
Boron oxide	B_2O_3	69.64	5800	-
Brass	-	-	Approx. 900	-
Bromine	Br	79.92	-7.3	58
Bronze				
Deformed (6-10%)	-	-	950-1000	-
Foundry	-	-	880-1040	-
Bronze castings	-	-	925	-
Cadmium	Cd	112.41	321	765
Calcium	Ca	40.08	850	1438
Calcium metasillicate	$CaSiO_3$	116.14	1512	-
Calcium oxide	CaO	56.07	2570	2850
Carbon, graphite	C	12.01	Sublimes 3540	-
Carborundum	SiC	40.07	2700	-
Cerium	Ce	140.13	600	1400
Chlorine	Cl	35.457	-101	-34.1
Chromite, brick	-	-	2050	-
Chromite, chromium ore	$FeO.Cr_2O_3$	-	2128	-