

First Ionization Energy

1 H 1312 1.008																	2 He 2372 4.003		
3 Li 520 6.941	4 Be 900 9.012	<div style="border: 1px solid black; padding: 5px; text-align: center;"> atomic number Symbol First Ionization Energy kJ mol^{-1} atomic mass g mol^{-1} </div>												5 B 801 10.81	6 C 1086 12.01	7 N 1402 14.01	8 O 1314 16.00	9 F 1681 19.00	10 Ne 2081 20.18
11 Na 496 22.99	12 Mg 738 24.30													13 Al 578 26.98	14 Si 787 28.09	15 P 1012 30.97	16 S 1000 32.06	17 Cl 1251 35.45	18 Ar 1521 39.95
19 K 419 39.10	20 Ca 590 40.08	21 Sc 633 44.96	22 Ti 659 47.87	23 V 651 50.94	24 Cr 653 52.00	25 Mn 717 54.94	26 Fe 762 55.84	27 Co 760 58.93	28 Ni 737 58.69	29 Cu 745 63.55	30 Zn 906 65.41	31 Ga 579 69.72	32 Ge 762 72.64	33 As 944 74.92	34 Se 941 78.96	35 Br 1140 79.90	36 Kr 1351 83.80		
37 Rb 403 85.47	38 Sr 549 87.62	39 Y 600 88.91	40 Zr 640 91.22	41 Nb 652 92.91	42 Mo 684 95.94	43 Tc 702 97.91	44 Ru 710 101.1	45 Rh 720 102.9	46 Pd 804 106.4	47 Ag 731 107.9	48 Cd 868 112.4	49 In 558 114.8	50 Sn 709 118.7	51 Sb 831 121.8	52 Te 869 127.6	53 I 1008 126.9	54 Xe 1170 131.3		
55 Cs 376 132.9	56 Ba 503 137.3	57 La 538 138.9	72 Hf 659 178.5	73 Ta 728 180.9	74 W 759 183.8	75 Re 756 186.2	76 Os 814 190.2	77 Ir 865 192.2	78 Pt 864 195.1	79 Au 890 197.0	80 Hg 1007 200.6	81 Tl 589 204.4	82 Pb 716 207.2	83 Bi 703 209.0	84 Po 812 209.0	85 At 210.0	86 Rn 1037 222.0		
87 Fr 393 223.0	88 Ra 509 226.0	89 Ac 227.0	104 Rf 579 [261]	105 Db [262]	106 Sg [266]	107 Bh [264]	108 Hs [277]	109 Mt [268]	110 Ds [271]	111 Rg [272]	112 Cn [285]	113 Uut	114 Fl	115 Uup	116 Lv	117 Uus	118 Uuo		