

# Electronegativity

Electronegativity, symbol  $\chi$  (the Greek letter chi), is a chemical property that describes the ability of an atom to attract electrons toward itself.

Z	Element	Electronegativity	Z	Element	Electronegativity	Z	Element	Electronegativity
1	H	2.1	14	Si	1.8	27	Co	1.8
2	He	N/A	15	P	2.1	28	Ni	1.8
3	Li	1	16	S	2.5	29	Cu <sup>+</sup> /Cu <sup>2+</sup>	1.9/2.0
4	Be	1.5	17	Cl	3	30	Zn	1.6
5	B	2	18	Ar	N/A	31	Ga	1.6
6	C	2.5	19	K	0.8	32	Ge	1.8
7	N	3	20	Ca	1	33	As	2
8	O	3.5	21	Sc	1.3	34	Se	2.4
9	F	4	22	Ti	1.5	35	Br	2.8
10	Ne	N/A	23	V	1.6	36	Kr	N/A
11	Na	0.9	24	Cr	1.6	37	Rb	
12	Mg	1.2	25	Mn	1.5	38	Sr	
13	Al	1.5	26	Fe <sup>2+</sup> /Fe <sup>3+</sup>	1.8/1.9			

<sup>a</sup>Adapted from Pauling (1960). Bloch and Schatteman (1981) have somewhat different values.