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Tabla Periódica de los Elementos



2	He
4,002602	Helio
-	0.179
-	5.193
-	0.95
-	2372
-	4.22
-	31.8
-	0.93
-	1s

1	H
1,00794	Hidrógeno
-1.1	14.30
0.0899	2.2
13.81	1312
20.28	14.10
0.32	1s

3	Li
6,941	Litio
1	0.53
3.57	900
453.7	520
1615	13.10
1.23	[He]2s ¹

4	Be
9,01218	Berilio
2	1.85
1.82	1.57
900	5.0
2745	0.90
1.36	[He]2s ²

11	Na
22,989770	Sodio
1	0.97
1.23	0.93
371	496
1156	23.7
1.54	[Ne]3s ¹

12	Mg
24,305	Magnesio
2	1.74
1.024	1.31
922	738
1363	14.0
1.36	[Ne]3s ²

Número atómico → 79

Peso atómico → 196,96655

Estado de oxidación →

Densidad (g/ml) a 300K, gases en g/l → 0.129

Punto de Fusión (K) → 1337.6

Punto de Ebullición (K) → 3130

Radio Covalente → 1.34

Símbolo → Au

Nombre → Oro

Calor específico (J/g°C) → 1.3

Electronegatividad según Pauling → 1.93

Energía de la 1ª ionización (KJ/mol) → 2.54

Volumen atómico → 890

Estructura electrónica → [Xe]4f¹⁴5d¹⁰6s¹

IIIb IVb Vb VIb VIIb VIII Ib IIb

5	B
10,811	Boro
2.34	1.026
2365	2.04
4275	801
0.82	4.6
-	[He]2s ² 2p ¹

6	C
12,0107	Carbono
-4.24	0.710
226	2.55
4100	1087
5100	1402
7735	17.3
0.77	0.75
-	[He]2s ² 2p ²

7	N
14,00644	Nitrógeno
-3.2,3.4,5	1.04
63.15	3.04
1087	1402
7735	17.3
0.75	0.75
-	[He]2s ² 2p ³

8	O
15,9994	Oxígeno
-2	0.92
1.429	3.44
54.8	1314
90.18	14.0
0.73	0.73
-	[He]2s ² 2p ⁴

9	F
18,998403	Flúor
-1	0.824
1.686	3.98
52.48	1681
84.95	17.1
0.72	0.71
-	[He]2s ² 2p ⁵

10	Ne
20,1797	Neón
0.900	1.03
2.081	2.081
16.7	16.7
-	[He]2s ² 2p ⁶

19	K
39,0983	Potasio
1	0.86
0.757	0.82
336.8	419
1032	453
2.03	[Ar]4s ¹

20	Ca
40,078	Calcio
2	1.55
0.631	1.0
1112	183
1757	29.9
1.74	[Ar]4s ²

21	Sc
44,95591	Escandio
3	2.99
0.567	1.36
1814	653
3104	15.0
1.44	[Ar]3d ¹ 4s ²

22	Ti
47,867	Titanio
3.4	0.522
4.51	1.54
1943	10.6
3560	16.1
1.32	[Ar]3d ² 4s ²

23	V
50,9415	Vanadio
2.3,4,5	0.489
6.31	1.63
2183	13.6
3682	16.3
1.18	[Ar]3d ³ 4s ²

24	Cr
51,9961	Cromo
2.3,6	0.479
7.19	1.55
2130	16.6
2335	17.3
1.17	[Ar]3d ⁵ 4s ¹

25	Mn
54,93805	Manganeso
2.3,4,6,7	0.479
7.43	1.55
1519	16.6
2335	17.3
1.17	[Ar]3d ⁵ 4s ²

26	Fe
55,845	Hierro
2.3	0.449
8.9	1.83
1768	16.8
2478	16.1
1.16	[Ar]3d ⁶ 4s ²

27	Co
58,9332	Cobalto
2.3	0.421
8.9	1.88
1768	16.8
2478	16.1
1.16	[Ar]3d ⁷ 4s ²

28	Ni
58,6934	Níquel
2.3	0.444
8.9	1.91
1768	16.8
2478	16.1
1.16	[Ar]3d ⁸ 4s ²

29	Cu
63,546	Cobre
1.2	0.385
8.96	1.85
1768	16.8
2478	16.1
1.17	[Ar]3d ¹⁰ 4s ¹

30	Zn
65,39	Zinc
2	0.388
7.14	1.65
692.7	906
1180	13.6
1.25	[Ar]3d ¹⁰ 4s ²

31	Ga
69,723	Galio
3	0.371
5.91	1.78
302.9	1.81
2478	11.8
1.26	[Ar]3d ¹⁰ 4s ² 4p ¹

32	Ge
72,61	Germanio
4	0.322
5.32	1.96
1211.5	2.01
3107	13.6
1.22	[Ar]3d ¹⁰ 4s ² 4p ²

33	As
74,92160	Arsénico
-3.3,5	0.328
5.72	2.18
1090 (Sublim)	947
886 (Sublim)	13.1
1.20	[Ar]3d ¹⁰ 4s ² 4p ³

34	Se
78,96	Selenio
-2,4,6	0.321
4.79	2.1
494	2.55
958	16.5
1.16	[Ar]3d ¹⁰ 4s ² 4p ⁴

35	Br
79,904	Bromo
-1.1,5	0.473
3.12	2.96
265.9	140
332.2	23.5
1.14	[Ar]3d ¹⁰ 4s ² 4p ⁵

36	Kr
83,8	Kriptón
-	0.248
3.7	2.6
115.8	1351
119.8	32.2
1.12	[Ar]3d ¹⁰ 4s ² 4p ⁶

37	Rb
85,4678	Rubidio
1	1.53
0.363	0.89
312.6	403
961	55.9
2.16	[Kr]5s ¹

38	Sr
87,62	Estroncio
2	2.6
0.297	0.95
1042	550
2078	39
1.91	[Kr]5s ²

39	Y
88,90585	Ytrio
3	4.47
0.298	1.10
4.47	616
3611	19.8
1.62	[Kr]4d ¹ 5s ²

40	Zr
91,224	Zirconio
4	6.49
0.278	1.22
2128	640
5017	14.1
1.45	[Kr]4d ² 5s ²

41	Nb
92,90638	Niobio
3.5	0.265
8.57	1.6
2742	652
4876	10.8
1.34	[Kr]4d ⁴ 5s ¹

42	Mo
95,94	Molibdeno
2.3,4,5,6	0.251
7	0.212
11.5	1.9
2477	702
4423	8.3
1.27	[Kr]4d ⁵ 5s ¹

43	Tc
[98]	Tecnecio
2.3,4,5,6	0.238
7	0.212
11.5	1.9
2477	702
4423	8.3
1.27	[Kr]4d ⁵ 5s ¹

44	Ru
101,07	Rutenio
2.3,4,6,8	0.238
7	0.212
11.5	1.9
2477	702
4423	8.3
1.27	[Kr]4d ⁶ 5s ¹

45	Rh
102,9055	Rodio
2.3,4	0.243
12.4	2.2
2236	720
3970	8.3
1.25	[Kr]4d ⁷ 5s ¹

46	Pd
106,42	Paladio
2.4	0.244
12.0	2.2
1825	720
2436	8.9
1.28	[Kr]4d ⁸

47	Ag
107,8682	Plata
1	0.235
10.5	1.89
1235.1	731
2436	10.3
1.34	[Kr]4d ¹⁰ 5s ¹

48	Cd
112,411	Cadmio
2	0.231
8.65	2.00
594.2	868
2346	14.8
1.48	[Kr]4d ¹⁰ 5s ²

49	In
114,818	Indio
3	0.233
7.31	2.02
429.8	834
2346	16.3
1.44	[Kr]4d ¹⁰ 5s ² 5p ¹

50	Sn
118,71	Estaño
2.4	0.228
7.31	2.02
505.1	869
2346	16.3
1.44	[Kr]4d ¹⁰ 5s ² 5p ²

51	Sb
121,760	Antimonio
-3.3,5	0.207
6.69	2.05
632.7	899
1660	18.4
1.40	[Kr]4d ¹⁰ 5s ² 5p ³

52	Te
127,60	Teluro
-2,4,6	0.201
4.93	2.1
722.7	869
1660	18.4
1.36	[Kr]4d ¹⁰ 5s ² 5p ⁴

53	I
126,90447	Yodo
-1.1,5,7	0.214
3.12	2.2
386.7	1008
458.4	25.7
1.33	[Kr]4d ¹⁰ 5s ² 5p ⁵

54	Xe
131,29	Xenón
-	0.158
5.9	2.6
161.4	1170
165.1	42.9
1.31	[Kr]4d ¹⁰ 5s ² 5p ⁶

55	Cs
132,90545	Cesio
1	1.87
0.242	0.79
301.6	576
944	70
2.35	[Xe]6s ¹

56	Ba
137,327	Bario
2	3.5
0.204	0.89
1002	503
2078	39
1.98	[Xe]6s ²

57	La
138,9055	Lantano
3	6.15
0.195	1.10
4.47	538
3737	22.5
1.69	[Xe]5d ¹ 6s ²

72	Hf
178,49	Hafnio
4	0.144
13.3	0.89
2504	659
4876	13.6
1.44	[Xe]4f ¹⁴ 5d ² 6s ²

73	Ta
180,9479	Tántalo
5	0.140
16.6	1.03
3293	761
5828	10.9
1.30	[Xe]4f ¹⁴ 5d ³ 6s ²

74	W
183,84	Wolframio
2.3,4,5,6	0.132
21.0	2.36
3459	760
5285	8.40
1.26	[Xe]4f ¹⁴ 5d ⁴ 6s ²

75	Re
186,207	Renio
-1,2,4,6,7	0.137
21.0	2.2
3459	760
5285	8.40
1.27	[Xe]4f ¹⁴ 5d ⁵ 6s ²

76	Os
190,23	Osmio
2.3,4,6,8	0.131
22.6	2.2
3300	840
5285	8.3
1.26	[Xe]4f ¹⁴ 5d ⁶ 6s ²

77	Ir
192,217	Iridio
2.3,4,6	0.131
22.5	2.2
2720	880
5285	8.3
1.27	[Xe]4f ¹⁴ 5d ⁷ 6s ²

78	Pt
195,078	Platino
2.4	0.133
21.45	2.54
2042	970
5285	8.3
1.34	[Xe]4f ¹⁴ 5d ⁹ 6s ¹

79	Au
196,96655	Oro
1.3	0.129
19.3	2.00
1337.6	890
3130	10.2
1.34	[Xe]4f ¹⁴ 5d ¹⁰ 6s ¹

80	Hg
200,59	Mercurio
1.2	0.140
13.6	2.00
234.3	1007
629.8	14.8
1.48	[Xe]4f ¹⁴ 5d ¹⁰ 6s ²