© Copyright VwR international 2002. Todos los derechos reservados. No se permite la reproducción de intiguna parte de esta obra sin el expreso permiso previo por escrito de la Sargent-Welch. Densidad a 300 K g/cm³ (3) GRUPO 1/IA 55132.9054 1156 Na 1380 Mg 0.97 Na 1.74 Mg 19 39.0983 22.98977 TABLA rect Valores estimados 1.00794 223) 88 226.0254 } 1180 592.73 **A** LEYENDA 12 3243 1560 1.85 4 9.01218 2078 1002 3.59 56 137.33 Ве Ba 24.305 89 (227) 3470: AC 10.07 AC 57138.9055 3737 ** 21 44.9559 3109 **SC** Simbolo (1) 39 88.9059 3611 1795 4,47 PERIODICA DE 9 40 91,224 47 92.9064 4 4882 27 8015 Nb 4 6.51 27 8.57 Nb 4 72 178.49 4875 2504 13.31 (1) Neg 90232.0381 3715 1071 6.77 58 3560 104 (261) Negro — sólido Rojo — gas Azul — liquido Contorno — producido sintéticamente 4/IVA 59140.9077 3785 1204 6.77 91231.0359 labla de isótopos radioactivos seleccionados 73180.9479 5730 16.65 73180.9479 23 50.9415 5.4.32 3650 2163 6.11 105 (262) 5/VA 92 238.029 6.5.4.3 3347 1294 7.01 ⁴⁹¹² ²⁸⁹⁶ **MO** 24 51.996 2 24 6.32 2 2945 2 130 **C** 42 106 (266) 74 183.84 6,5,4,3,2 6/VIA (3) (2) 144.24 95.94 6.5,4,3,2 Basado en el Carbono 12. () Indica el isótopo más estable o más bien conocido. Los items marcados con un † se refleren al estado gaseoso a 273 K y 1 atim y son dados en g/L. 25 54.9380 6.3.2 25 7.6.4.2.3 7 1518 MM 107 (264) 75 186.207 7,6,4,2 3455 **PG** 4175: 912 20.2 4538 2477 3273 1315 7.22) (145) 94 (244) 3505 D 913 P 19.84 P [An]516752 Plutonio 62 150.36 3,2 1347 **SM** 1 26 55.847 27 58.9332 28 5 23.6 3023 1908 1768 CO 8.90 1726 8.90 44 101.07 23,4,6,8 4425 2610 RU 5300 3300 **22.6** 108 (269) œ **ELEMENTOS** 45^{102,9055} 3970 2236 12.41 95 1449 13.7 109 (268) 192.22 **78** 195.08 2,4 Las designaciones de los subgrupos, son las recomendadas por la Unión Internacional de Química Pura y Aplicada. 2042 1 21.45 28 58.6934 110 (271) Ni | 29 | 63.546 | 30 | 65.33 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 | 31 | 69.723 65 158.9253 3.4 3500 1629 8.23 1337.58 19.3 97 111 (272) 112 (277) 79196.9665 Número de Catálogo S-18806-03 11/IB 594.26 **C** 629 88 234 31 13.55 [Xe]4f¹⁴5d¹⁰6s² 48 112.41 2840 1685 8.55 80 200.59 1170 8 (251) § 12/IIB Dy 1747 Ho 162.50 2350 429.78 7.31 13 26.98154 2740 9335 A 113 49 114.82 81 204.383 99 67164.9303 13/IIIB 14/IVB 15/VB 16/VIB 17/VIIB 3107 1211.5 **G**O 9.07 505.12 **Sn** 600.65 Pb 324 72.61 1800* 114 (289) 50 118.710 [Fn|Sf12782 Fermio]11 100 (257) emisión de partícula alfa emisión de partícula beta (electrón) emisión de positrón captura de electrón orbital transición isomérica de un estado sup とうけつ 167.26 3 P.O. Box 5229 • Buffalo Grove, IL 60089-5229 1-800-727-4368 • FAX 1-800-676-2540 Sargent-Welch 69 168.9342 70 1818 M 192 1469 9.32 M 6.97 51 121.760 503 91 Sb 101 (258) 1100* 115 33 74.9216 1530.97376 un estado superior a un otro inferior 84 5 (209) 52 127.80 1261 722.72 **Te** \$50 \$4.7. \$60 \$7. 102 (259) 16 717.82 392.2 2.07 90.188 54.8 116 1100* no autales Po 78.96 -2.4,6 85 ½ (210) 610. **14** 331.85 265.95 3.12 457.5 386.7 **4.93** 53126.9045 103 (262) 10 20.1797 221.00 161.39 5.90† Xe 54 131.29 18 39.948 87.45 83.95 1.784† 0.900 † 118 120.85 3.75† Lado 1

DE LAS PROPIEDADES **PERIODICAS** DE LOS



