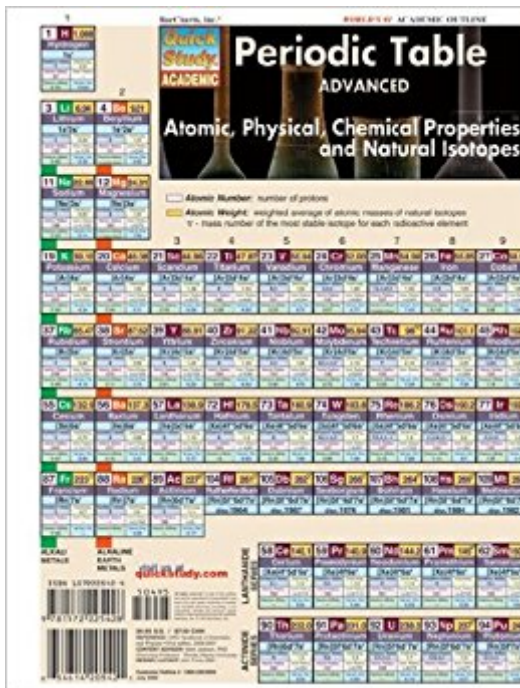


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Periodic Table Advanced (Quickstudy: Academic)



Periodic Table
ADVANCED

Atomic, Physical, Chemical Properties
and Natural Isotopes

Atomic Number: number of protons
Atomic Weight: weighted average of atomic masses of natural isotopes
Z: mass number of the most stable isotope for each radioactive element

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Synopsis

Advanced coverage of the periodic table. This periodic table includes extra tables for quick and easy reference.

Book Information

Series: Quickstudy: Academic

Misc. Supplies: 4 pages

Publisher: QuickStudy (February 9, 2001)

Language: English

ISBN-10: 1572225424

ISBN-13: 978-1572225428

Product Dimensions: 8.5 x 11 x 0.1 inches

Shipping Weight: 0.8 ounces

Average Customer Review: 4.7 out of 5 stars 48 customer reviews

Best Sellers Rank: #560,830 in Books (See Top 100 in Books) #46 in Books > Science & Math > Chemistry > Clinical #100 in Books > Children's Books > Education & Reference > Science Studies > Chemistry #122 in Books > Science & Math > Chemistry > Inorganic

Customer Reviews

Torn between 4 and 5 stars. GREAT pullout with a ton of useful information. Downside is that it is a BUSY chart- and unless you are already familiar with the periodic table, can get confusing at times. There's just a LOT of info. I do like that, it just seems overwhelming if I just want a quick answer. So- I purchased a cheaper version that is much simpler, AND smaller for desktop use. Overall though, this is a great product especially if you are taking more than one chemistry course! It will last much longer!

This is the best Periodic Table in chart format that I have. And I have a few. This reference guide is chock full of information that really can be classified as a book. Remember those physical chemistry reference guides from the sixties and seventies? This chart encompasses information that used to take up about twenty to forty pages in the old guides. I have two suggestions that would improve this product even more. First, the color scheme depicting Electron Affinity and 1st Ionization Potential are too similar and one can get easily confused as to whether one is viewing the affinity or ionization property. Second, the punch holes used for placing the chart in a binder are too close to the edge of the chart and with normal use are bound to split through the chart and thus dislodge the item from

the binder. Other than the two suggestions above this is an excellent chart and a great value.

Try to find online a single periodic chart with atomic weight, electronegativity and oxidation states listed in a way that can actually be read. This has that and much more. This chart is durable, easy to read and much easier than rooting around multiple websites looking for information. At first it seemed a larger than I was hoping for but it folds down to an 8.5x11 format and stores easily with my other chemical cheat sheets. The convenience, reliability and durability is well worth the money.

It has abbreviated electron configurations, and nearly everything else. There's electronegativity, oxidation states, atomic radius, 1st ionization potential, etc. all on the table itself. The flip-side has natural form, density, enthalpy of vaporization/fusion, MP, sp. heat, thermal cond., and my favorite semi-trivial brain candy: elemental abundance in the earth's crust. Then there's chemical properties, and major isotope occurrence. The only thing missing is "Group IIA" etc. but you can write that in. Your instructor's eyes are likely to protrude upon first view, which may be the best reason to get it.

I have the version of this Periodic Table on my wall, and it really is nice to have it in a size that fits in my notebook for easy reference. So many reasons to like the arrangement here, the elements are color-coded according to their grouping, it has important information regarding each element, and it's laminated! You'll be the envy of your classmates, as I found out last week. Seriously though, a Periodic Table as complete as this one is completely unnecessary for a beginning Chemistry student. College-level General Chemistry is a good time to purchase one of these. And while you're at it, get the poster too!

It is as detailed as it gets. HOWEVER, it doesn't contain Livermorium, Ununseptium, or Ununoctium. It has elements 116, 117, and 118 listed as "Undiscovered". That's because the reference table it uses is CRC Handbook of Chemistry and Physics (81st edition) which was printed in 2000. If you just need this for chemistry class, it won't matter. My prof handed out a periodic table with far fewer elements listed. And almost none of the details.

I like this a lot. It's on cardstock and it's laminated, and it really does help to have this open in front of you as you're working. It makes doing problems and calculations so much easier. In class people always wanted to borrow it. Bear in mind that professors often will NOT allow this to be used during exams--it really is a mini-textbook with all the information on the back. Very durable.

This is an excellent little reference chart for basic to intermediate chemistry studies. It has virtually everything you need short of actually ordering the CRC Handbook for advanced coursework. If I were forced to complain about anything, it would be that the atomic weights of all non-radioactive elements are given to four significant figures except Li and Be, which are only given to three. That is minor enough to not cause any real problem, just a minute inconsistency which I found curious.

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