

Average Atomic Mass / Average Molar Mass

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Isotopes - All forms of an atom based on mass #

Titanium (Ti) [22]

Ti-46 : 46 amu
Ti-47 : 47 amu
Ti-48 : 48 amu
Ti-49 : 49 amu
Ti-50 : 50 amu

Percent Abundance - Ratio of each isotope to all isotopes

Titanium (Ti) [22]

Ti-46 : 8.25% | 825:10000
Ti-47 : 7.44% | 744:10000
Ti-48 : 73.72% | 7372:10000
Ti-49 : 5.41% | 541:10000
Ti-50 : 5.18% | 518:10000

Average Atomic Mass / Average Molar Mass

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Periodic Table

22	←
Ti	
Titanium	
47.867	←

Atomic #
(#p⁺ and #e⁻)

Element

Avg. Atomic Mass
Avg. Molar Mass

Avg. Atomic Mass

Avg. mass element based on isotopes / percent abundance

Avg. Molar Mass

Avg. Mass of 1 mol element

Avg. Atomic	Avg. Molar
47.867 amu atom	47.867 g/mol

Isotope - 12

Atomic Mass
(amu)

Molar Mass
(g/mol)

Avg. Molar Mass
(g/mol), Periodic Table

C-12	C-13	C-14
12 amu	13 amu	14 amu
12 g/mol	13 g/mol	14 g/mol
12.01 g/mol		

6
C
12.01