

Affinities

Affinities



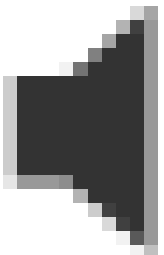


F M

Stress Pattern	Number of Syllables	Primary Stress
af Fl ni ties	4	second

$A(g) + e^- \rightarrow A^-(g)$

	eV	kJ/mol
Carbon	1.26	121.85
Oxygen	1.46	140.98
Fluorine	3.40	328.16
Chlorine	3.61	348.57

[Lange's Handbook of Chemistry (15th Edition) p 4.24. McGraw-Hill.]
<http://www.knovel.com/knovel2/Toc.jsp?BookID=47&VerticalID=0>

Statement(s)	Instructor's Question(s)	Student's Question(s)	Non-Chemistry Usage
Electron affinities allow us to predict what oxidation-reduction reactions will take place.	Which elements have the highest electron affinities?	Do the electron affinities in the gas phase tell us anything about reactivity in solution?	
 F M	 F M	 F M	

[Additional exercises](#)

[Parts of speech related to this keyword](#)