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	Electron Affinity (eV)	 The bonding energy for an electron onto an atom is the Electron Affinity. Ea < 0 for Noble Gasses Large Ea for Halogens 	
Н	0.7542		
Не	<0		
Li	0.6182	 Two categories of negative ion sources 	
Ве	<0	 Surface – an atom on a surface can be desorbed with an extra electron (whose wave-function overlapped the atom). Volume – Through collisions, e-capture and molecular dissociation, negative ions can be formed. 	
в	0.277		
С	1.2629		
Ν	<0		
0	1.462	AB + e → A- + B	$A + B \rightarrow A - + B +$
	3.399	AB* + e → A- + B	$A++B \rightarrow A-+B2+$





