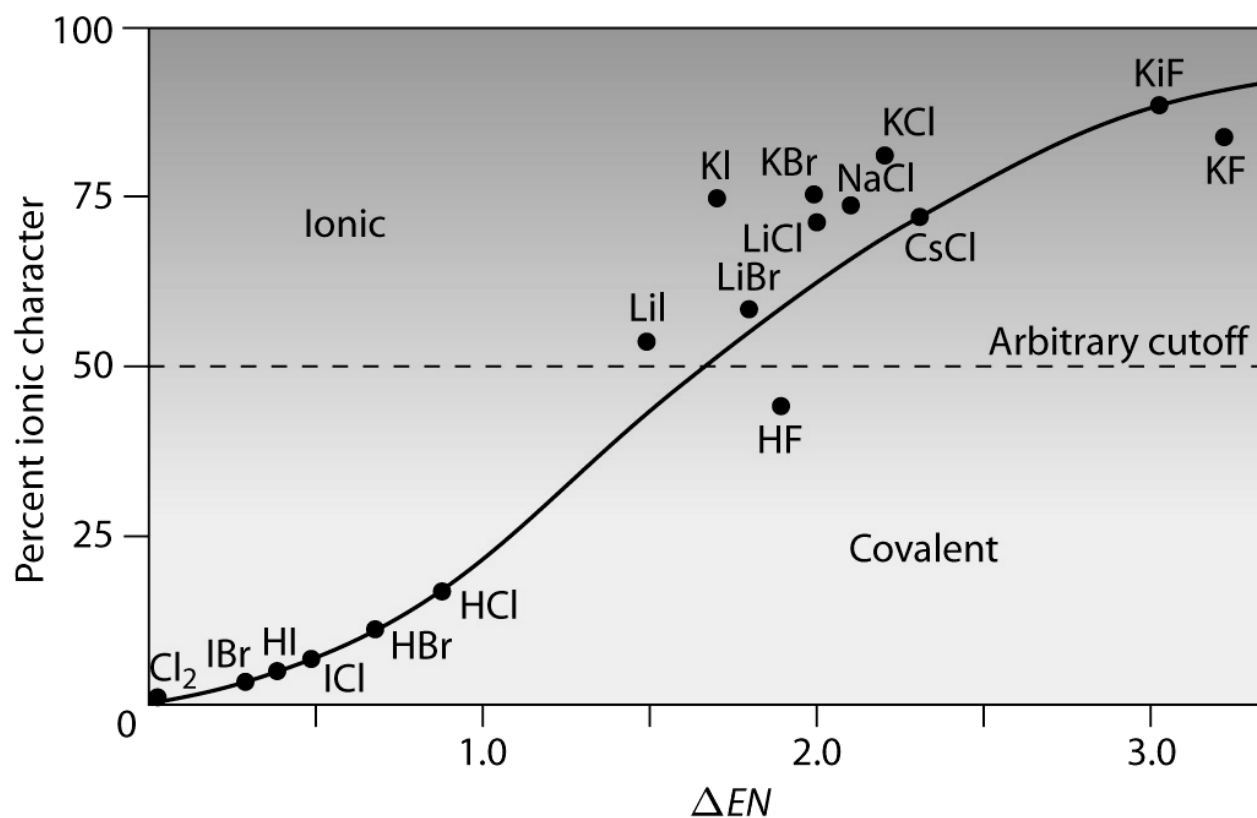


CHAPTER 1	Bond Character and Electronegative Differences	BLM 1.2.5
OVERHEAD		

## Character of Bonds

Electronegativity difference	0.00	0.65	0.94	1.19	1.43	1.67	1.91	2.19	2.54	3.03
Percent ionic character (%)	0	10	20	30	40	50	60	70	80	90
Percent covalent character (%)	100	90	80	70	60	50	40	30	20	10



Bonds between atoms can be characterized by their percent ionic character, which increases along with  $\Delta EN$ .