

## Bond Dissociation Energies

atom or group	methyl	ethyl	i-propyl	t-butyl	phenyl	benzyl	allyl	acetyl	vinyl
H	103	98	95	93	110	85	88	87	112
F	110	110	109		124	94		119	
Cl	85	82	81	80	95	68	70	82	90
Br	71	70	69	66	79	55	56	68	80
I	57	54	54	51	64	40	42	51	
OH	93	94	92	91	111	79	82	107	
NH <sub>2</sub>	87	87	86	85	104	72	75	95	
CN	116	114	112		128	100			128
CH <sub>3</sub>	88	85	84	81	101	73	75	81	98
C <sub>2</sub> H <sub>5</sub>	85	82	81	78	99	71	72	78	95
(CH <sub>3</sub> ) <sub>2</sub> CH	84	81	79	74	97	70	71	76	93
(CH <sub>3</sub> ) <sub>3</sub> C	81	78	74	68	94	67	67		89
C <sub>6</sub> H <sub>5</sub>	101	99	97	94	110	83	87	93	108
C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub>	73	71	70	67	83	59	59	63	81