

PROPERTIES OF ORGANIC COMPOUNDS

Do some research on the Internet and refer to the first unit on atomic structure and properties, then fill in the chart below to form notes on the characteristic properties of each group of organic compounds listed below. Your notes may include information on their relative boiling point, polarity, odour and uses.

Properties and Applications of Hydrocarbons

Recall:

- As molecular polarity increases, boiling point increases.
- As molecular polarity increases, solubility in water increases.

Type	Structure	Polarity	Solubility in Water	Uses
Alkanes				
Alkenes				
Alkynes				
Aromatics				
Alcohols				
Aldehydes				
Ketones				
Carboxylic Acids				
Ethers				

Esters				
Amines				
Amides				