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Natural and Synthetic Polymers

Guided Notes

Draw a diagram of a carbon atom.

Based on its valance, how many times can a carbon atom bond to another atom?

What is a monomer?

What is a polymer?

What is polymerization?

How is polymerization like train cars?

Explain a hydrocarbon?

Why does the melting point get higher as the length of the hydrocarbon gets longer?

Define a natural polymer.

Give four examples of a natural polymer.

1.

2.

3.

4.

Define a synthetic polymer.

Draw a diagram of the four different structure polymers.

What material properties change in a synthetic polymer?

Give four examples of a sythetic polymer.

1.

2.

3.

4.