

Name:

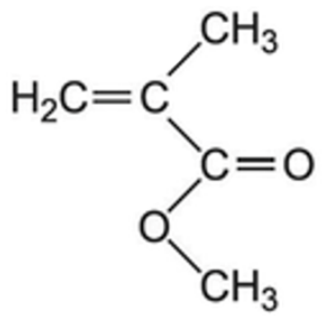
“CPR” Quiz #4 - Polymers

Attempt Description	Colour Highlighter or Pen	What does this tell you?
1st - Just your brain		What you already have in your long-term memory.
2nd - Just your notes/resources		What you understand, but not in your long-term memory.
3rd - With support from classmates or teacher		What you don't understand.

When it comes to studying effectively, make sure you start with the material that was the 3rd attempt colour because that is what needs the most work.

This question is from the 2022 Mock Exam. You will need the molecules below to answer Question 3c.

A polymer called Perspex is also known as artificial glass, this is useful for safety glass in oven dishes and kitchen splashbacks as it is very strong and doesn't shatter. The monomer to make Perspex is shown below.



(i) In the box below, draw a section of Perspex showing three monomers.

(ii) The chemical reactivity of the monomer and polymer are different. Analyze this difference. In your answer, you should:

- ☐ Link the structure of the monomer and polymer to its reactivity
- ☐ Explain the importance of this difference for Perspex's use as a polymer.

[Delete and write your answer.]