

4. Which of the following characteristics influence how a particular polymer might be used?

- (i) The amount of cross-linking between the hydrogen atoms in the polymer.
- (ii) The length of the carbon chains in the polymer.
- (iii) The functional groups present in the monomer used to synthesise the polymer.
- (iv) The melting point of the polymer.

- (a) ii, iii and iv only
- (b) i and ii only
- (c) ii and iii only
- (d) i, ii and iv only