

## NCERT/CBSE CHEMISTRY CLASS 12 textbook

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Answers to NCERT/CBSE Chemistry (Class XII) textbook

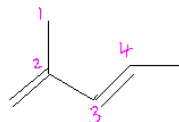
Chapter 15

POLYMERS

15.14

How does the presence of double bonds in rubber molecules influence their structure and reactivity?

Natural rubber is made of isoprene units. In polyisoprene which is rubber has double bonds between C2 and C3 of each isoprene units. These double bonds do not allow the polymer chains to come closer. Therefore the intermolecular forces of attraction are very weak and therefore the natural rubber has a coiled structure which is at random.



Isoprene unit

Please do not copy the answer given here

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