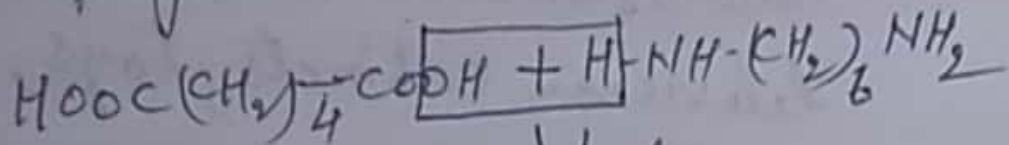
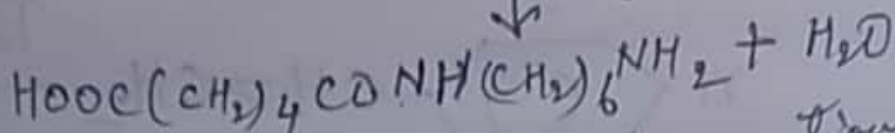


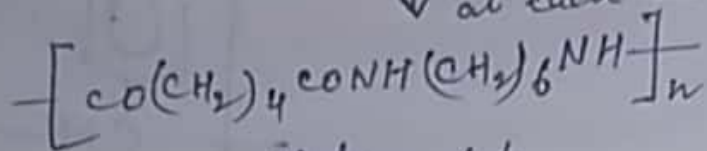
(2) Nylon - 6,6 is the most important polyamide.



↓ heat



↓ further reaction at each end.

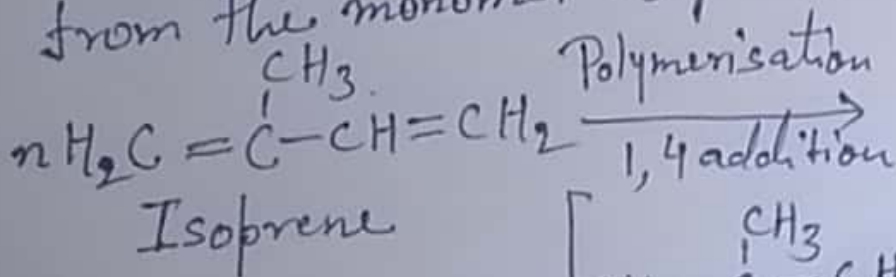


Nylon - 6,6

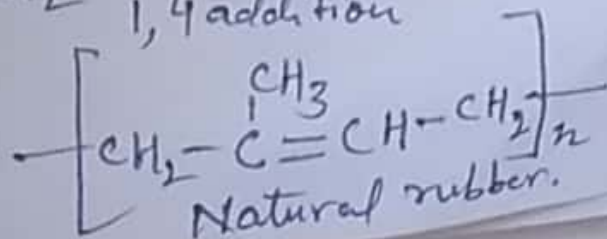
It is used to make fibres for clothing and carpeting, filaments for fishing lines and ropes, molded objects such as gears and bearings, etc.

Natural and Synthetic Rubbers:

(1) Natural Rubber: — Natural Rubber is a hydrocarbon polymer built up from the monomer isoprene.

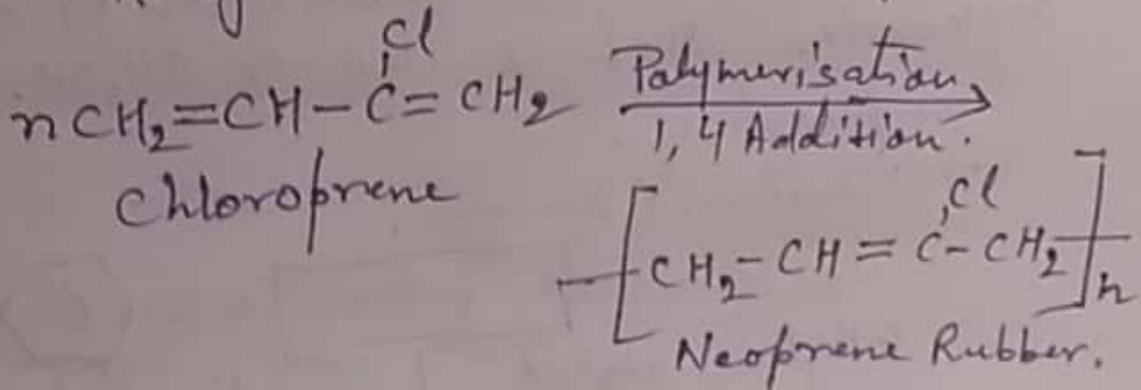
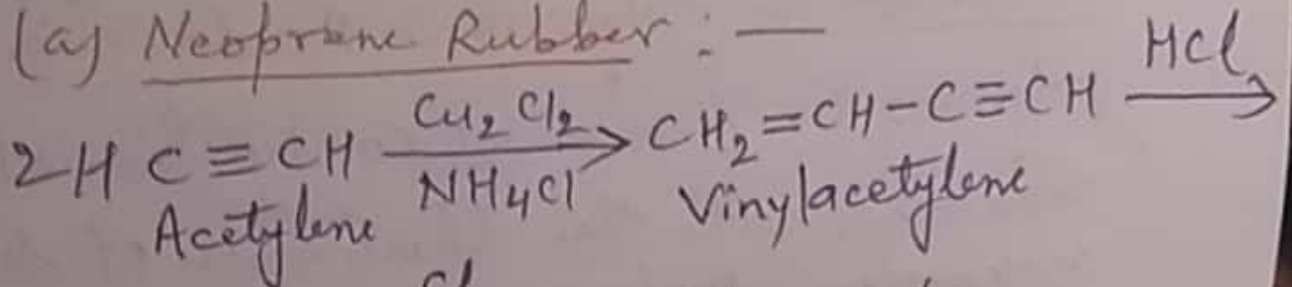


Isoprene

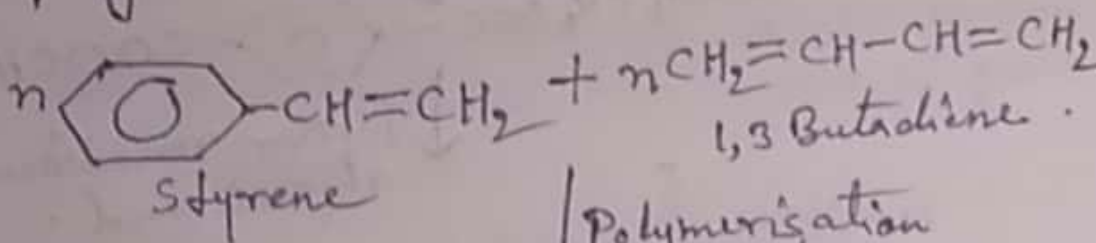


(2) Synthetic Rubbers :

(a) Neoprene Rubber : —



(b) Styrene Butadiene Rubber : — It is a copolymer made from styrene and 1,3 butadiene.



↓ Polymerisation
(1,4 Addition.)

