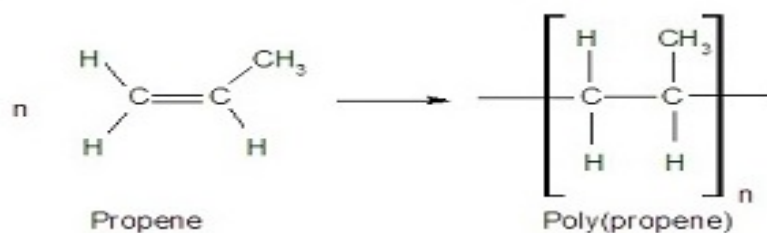




Polypropylene is obtained by the polymerization of propylene in the presence of Ziegler-Natta catalyst ( $-AlR_3-AlCl_3$ )



### Properties

1. Poly propylene is stereo regular (isotactic) and highly crystalline polymer
2. it has better hardness, strength, stiffness than polyethylene
3. It is more resistant than polyethylene

### Uses

1. Propylene is used in making molded parts and fibres
2. Its fibres are used in making ropes, carpets, furniture, handbags etc
3. It is also used for making water pipes, washing machine parts, sterilizable hospital equipments etc