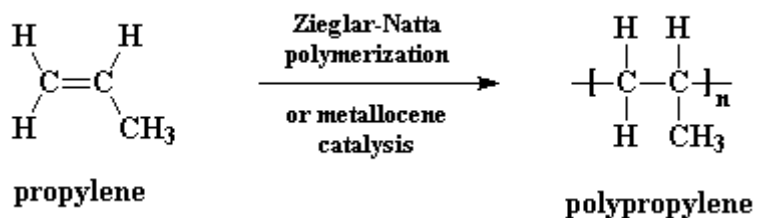




Polypropylene

Polypropylene (PP), also known as polypropene, is a thermoplastic polymer used in a wide variety of applications. It is produced via chain-growth polymerization from the monomer propylene in the presence of Ziegler-Natta catalyst.



Properties:

- Polypropylene is stereoregular and highly crystalline polymer (m.p 160-170^oc)
- It posses better hardness, strength, stiffness than polyethylene.
- It is more resistant than PE.

Uses:

- In Producing moulded parts and fibres.
- Its fibre are used in making ropes,carpets,furniture,blankets etc.
- It is also used for making water pipes,washing –machines parts,sterilizable hospitals equipments etc