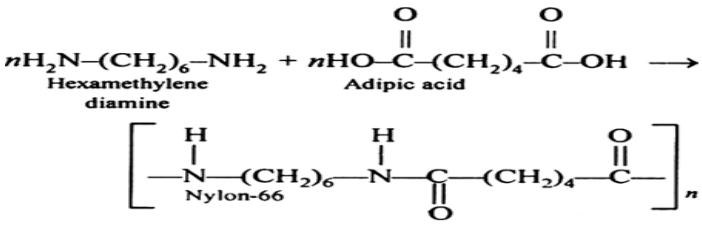
2.6.4 Nylon 6,6:

It is prepared by the condensation polymerization of adipic acid and hexamethylene diamine in the absence of air.



Properties:

Nylon 6,6 can be converted into nylon fibre. It acts as a good plastic material when properly moulded. Both as a fibre and as a plastic Nylon 6,6 has high strength, elasticity, toughness, abrasion resistance and good mechanical properties. Its softening temperature is 260 C

Uses: It is used in textile industry for making carpets, under garments

It is used in engineering field for making bearings, gears etc.,