UNIT-查丁

Polymer - There are high molecular weight compounds built up by a large number of small molecules (called monomers).

eg Polyethylene is farmed by large number of ethylene (C2H4) malecules.

Monomer - The small units which combine with each other to form polymer molecules, are termed as monomers.

eg. Formation of polystyrene by monomer styrene.

Repeat Unit - A complete unit which on superition gives the whole chain of polymer is known as superitually unit of polymer.

In polymer  $\{x-y-x-y\}_n$ , -x-y is the supert unit.

Degree of Polymerisation-Total number of single monomer units combined together to form a polymer is known as degree of polymerisation. 十X士 in odepice of polymerisation. classification of Polymers => on the basis of manomer unit Homopolymer (these are formed by identical monomers) Heteropolymers (this are formed by different monomers) +A-A-A-A-A+ Regular Ivegular of different manamers) ivegular ( avoignment of ) ta-B-A-B-A-B-A-B-[A-A-B-A-B-B] => on the basis of monomer unit on the basis of structure -

According to this classification polymens are of three types.

