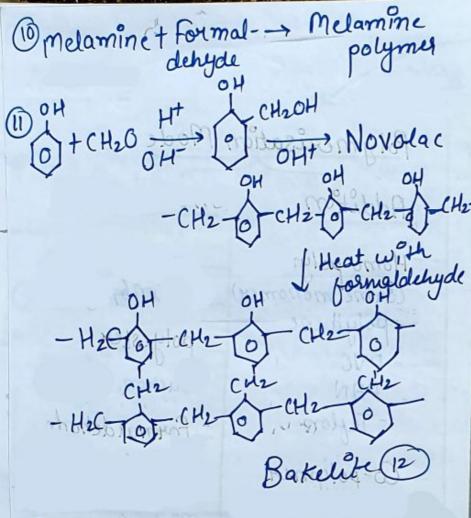
Polymer MIND MAP Source Molecular porce Polymerisation Mode Structure Natural - Linear Conden sation protein Addition · Elastomero : HDP PVC Cellulose · Fibru 8tarch polyamide Homo polymer Semi-Synthetic. - Branched . Th. plastic Nylon6, Nylon66 (Same monomus) · LDP -polythene · Cellulose acetate . The setting polyester - PVC - PAN Cross Davion, Glyptal. , Cellulose nitrate Linked - Teylon _formaldehyde. Synthetic · Bakelite · Melamine · poly thene phenol-formalde-- Co-polymer · Buna-S (diff monomer) · Nylon 6,6 Melaminedehyde Buna-S Buna-N Non stick Utinsils- Teylon Vulcanisation of Rubber with 'S'. Unbreakable Crockery - Melamine Tyres, Cords, Ropes - Nylon6 $0 \text{ nCH}_2 = \text{CH}_2 \longrightarrow \text{CH}_2 - \text{CH}_2 - \text{CH}_2 \rightarrow \text{n}$ ethene polyethene Textiles, Brush, Brustles-Nylon 6,6 Electric Switches - Bakelite Water pipes, Rain Coat-PVC $2n(F_2 = (F_2 \longrightarrow \{CF_2 - CF_2\}) n$ Ordon/ Acrilan (wood substitute) - polyacry -lonitrile. Tetra floro ethene Teflon Type of polymerisation -3 n(H2= CHU→ + CH2- CH+n Vinyl chloride pvc a Condensation polymers Step growth addition polymers ancHz=CHCN→ +CHz-CH+n Acrylonitrile poly-acrylonit. Chain growth (5)1,3 Butadiene + Styrene → Buna-S (6)1,3 Butadiene + acrylonitrile → Buna-N Natural Synthetic Cis-poly Isoprene Neoprene poly-THexa methylene + Adipic -> Nylon 6,6 diamine aud Isoprene Chloroprene (8) Caprolactum (1) - Caprolac 2-methyl, 1-3 butadiene 2-chloro-1-3 butadiene

Gutta-Percha - Trans-poly-Isoprene

3 Ethy lene Glycol + Texeptholic acid

Texelene | Dacion



3-Hydroxybutanoic acid

3-Hydroxypentanoic acid

PHBV

(14) Glycine + Amino Caproic -> Nylonz, acic Nylons

Biodegnadable Polymous— PHBV, Nylonz and Nylon 6







NEET SLAYER