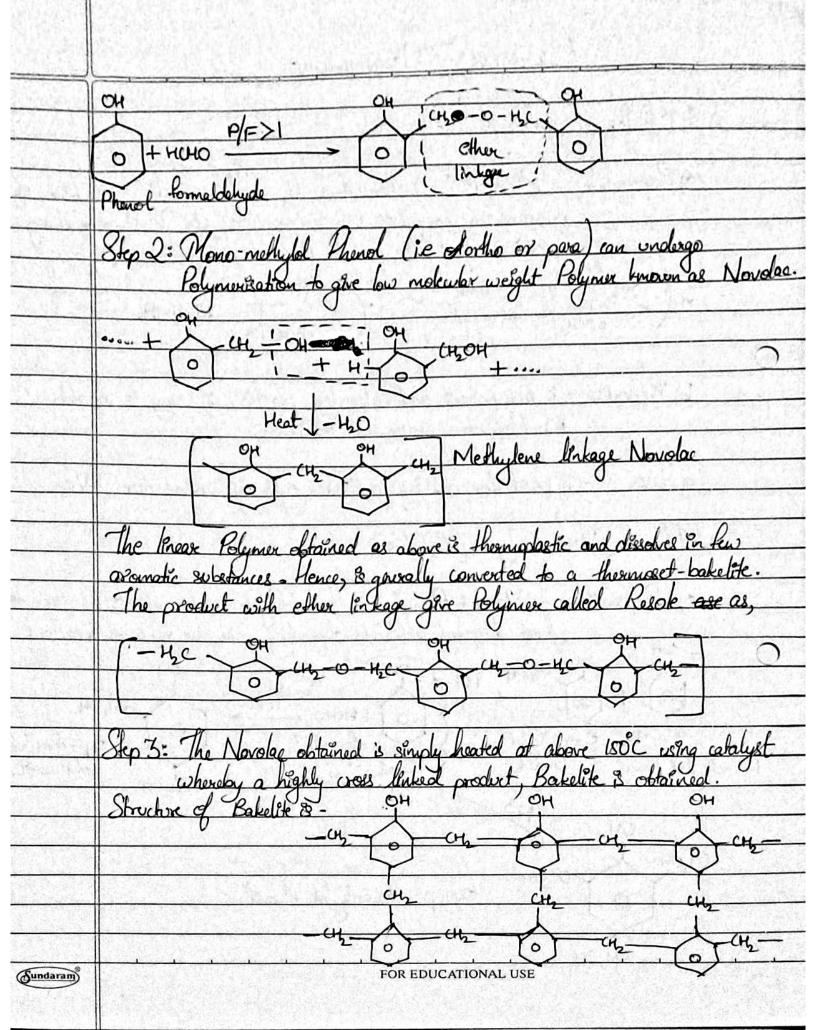
DIAD_	47_YASH SARANG
	POLYMERS ASSIGNMENT.
	TOLYMERS , FISSIGNIMENT,
- 1)	PMMA (Polymethyl Methocylate)
1	1 1 1 (10 gricing remarques)
	a) Reparation - PMMA is syntherided by Polymerisation Seaction of
	o) Reparation - PMMA is synthesided by Polymerisation Seachon of methyl methacriflate using a catalyst. Most commonly used catalyst is acetyl Peroxide. CH3 C=c Polymerisation - (C-c) PMMA. COCH3 COCH3 Peroxide) COCH3 CO
	used catalyst is acetyl Peroxide.
	C=C Polymousation CH3 DOMANA
128.5	COCH3 Catalyst (coche) (coche)
•	- Policial Control of the Control of
Sept Milestrate	b) Resperties - i) transparent and volouvless plastic. ii) Easy to mold.
	is) Refractive index is 1:59.
) (1 1 0 1 1 1 0 1 TV
itibar ^e tilig ∢ Kockes	cy Vises - ?) Used for making ortificial eyes ?) screens for T.V.s.
2)	Phenol Formaldehyde (Bakelite)
	Thenor Tomaldengae (Dakeure)
	a) Preparation - Step 1: Phenyl and Tormaldehyde react with each other to
	form different products depending upon the ratio of reactant.
0	OH OH CHANGE
	0 + 0 10 10 10 10 10 10 10 10 10 10 10 10 1
	OBOH O-nethylal formal ap-dimethyl
P-meth	glol Phenol Phenol Phenol.
	1:3 (H2OH
and The	ОН
	404
	O,0, ρ - trinethylol Phenol.
4440	
(Sundaram)	FOR EDUCATIONAL USE



b) Properties: 9 Rigid, hard and infusible solid.	solids.
b) Properties: 9) Rigid, hard and infusible solid. ii) sorotch resistant water yesistant and insoluble iii) Posses core excellent elochical insulating charact	er.
c) (les: 1) Impregnating tabrics, woods and paper ii) binder for grinding wheels. 3) Verea Tormaldelyde (Vra-mothanal)	
a) Preparation: 1 also called as amino resins or amino plants. ii) animo organic compounds and tormaldelyde combine by -sation polymerisation to give these resins.	condur-
N-c-N-CHOH	ol corea resin
N-C-N + HCHO HONG-N-C-N-CN-CN-CN-CN-CN-CN-CN-CN-CN-CN-CN-	reaseth
Polymerseasion	W/A
HNENCHON HE HE CON-CHE	
Linear polymer of UF restin Highly cross tinked polymer of UF	resin.
b) Proporties: 9) posses good dechical Ensulating character.	
Respetant to Heat / Flame.	
Ses : 1) Bonding Plywood. 11) Electrical Insulation.	
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- 4)	Kevler
	of Preparation: of Review & assurate Polyanote about the Smiler
	to Nybus but Contains Benzene rings meteod of alighetie
	Rydro-Carbon Benzene is linked to amide groups - CONH.
	i) It is Prepared by Polysondersation between aromotic
	Gerparation: of Kevlax & assomatic. Polyanide structure. It is similar to Nybus, but Contains Benzene rings instead of aliphotice hydro-Carbon Benzene is linked to amide groups-CONH. ii) It is Prepared by Polyandensation between aromatic elichloride and aromatic diamnine.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	-(1,3-dramobarone) P-Ammollne -24CL
E TANKS	-2HU
2611	
	Broperties: i) Kevler pauce high stability against Heat. iii) Highly flexible iiii) Very strong.
	Light Heath Heath
	Very strong
	Tall William Will Proceedings for the Process of the Control of th
	c) Uses & ?) Helmet manufactoring.
	ii) Scrospace and ScroAircreft industries.
74.7	* kaaa
The second	
1000	
Sundaram	FOR EDUCATIONAL USE