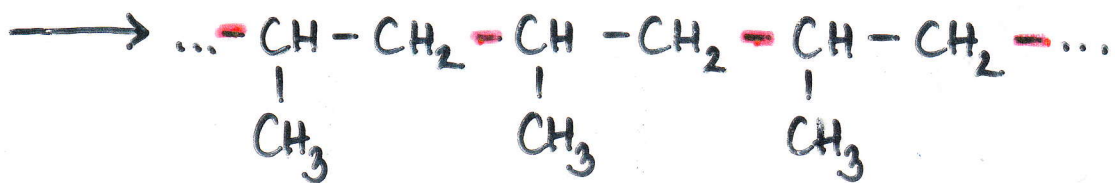
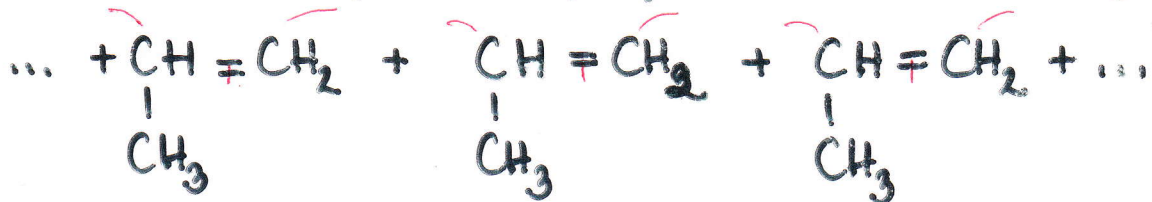


POLYMEROINTI

• POLYADDITIO

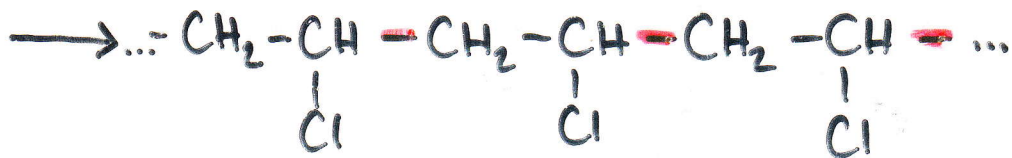
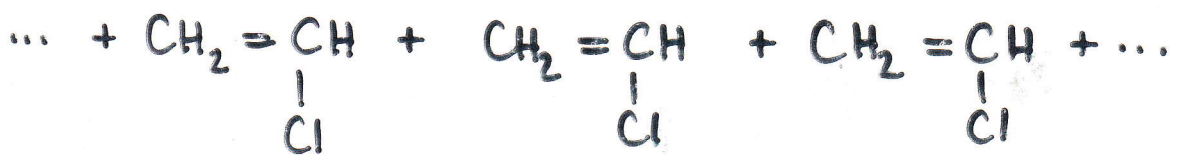
- tyydyttymättömät yhdisteet

- esim. propeenin polymeroituminen ($\text{CH}_3\text{-CH}=\text{CH}_2$)



polypropeeni (PP)

- esim. vinyylikloridi (kloorieteeni) ($\text{CH}_2=\text{CH}$
 $\quad\quad\quad |$
 $\quad\quad\quad \text{Cl}$)

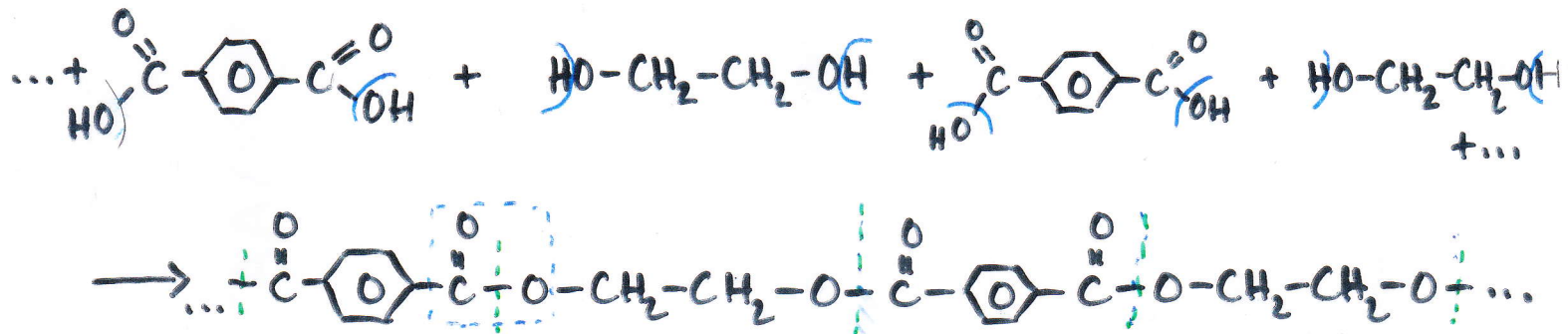


polyvinyylikloridi (PVC)

POLYKONDENSAATIO

- yhdisteessä vähint. 2 funktionaalista ryhmää
- molekyylit yhdistyvät → lohkeaa pieni molekyyli pois esim. H_2O

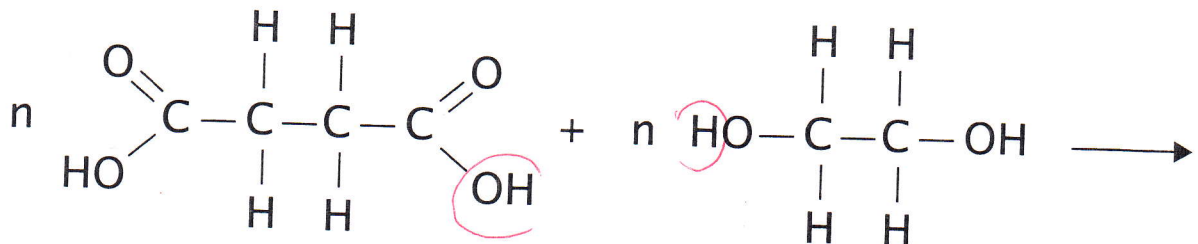
- esim. PET-muovin valmistusreaktio:



(polyeteenitereftalaatti) polyesteri

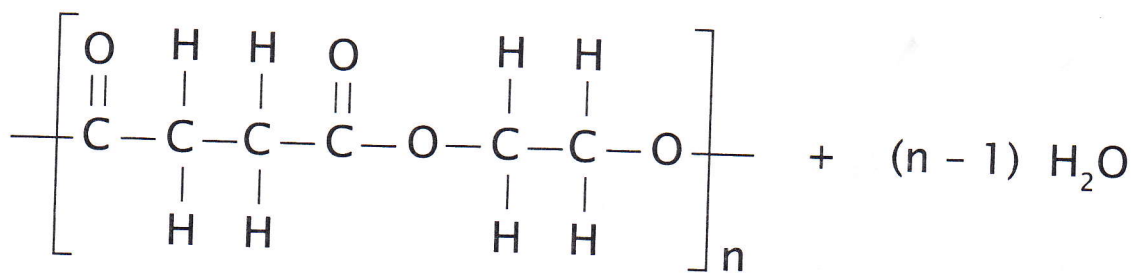


POLYESTERIN JA POLYAMIDIN VALMISTAMINEN

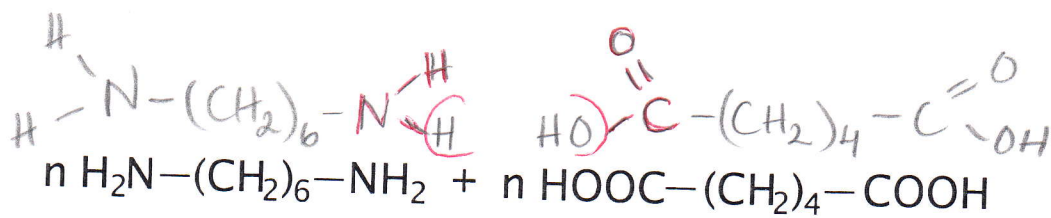


butaanidihappo

1,2-etaanidioli

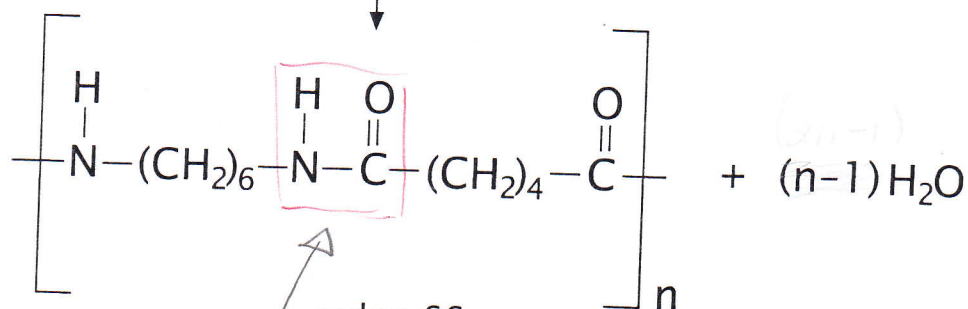


polyesteri



1,6-diaminoheksaani

heksaanidihappo



nylon 66

amidisidos (vrt. peptidisidos)