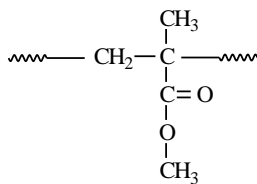
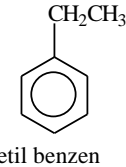
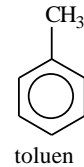
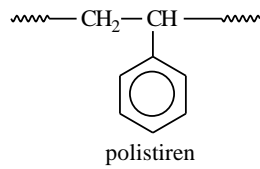
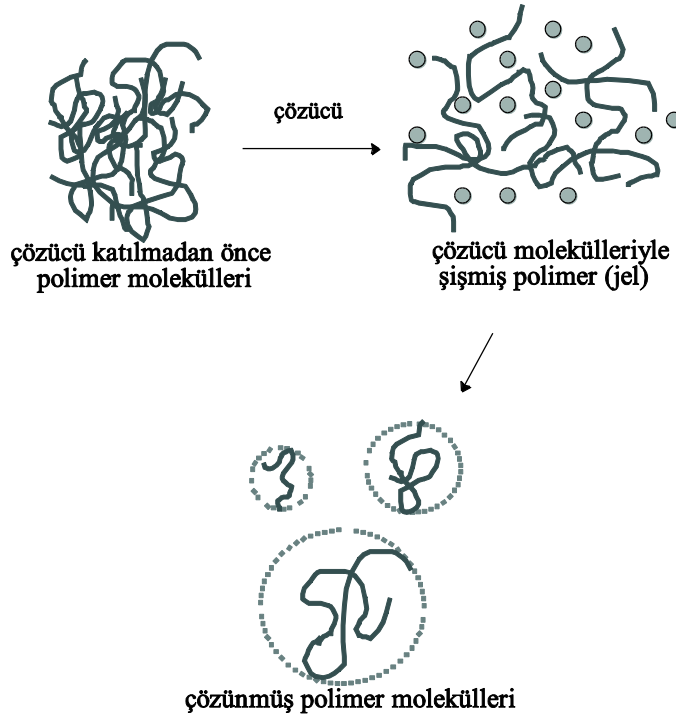
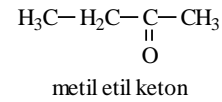
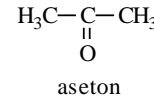
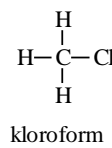


BÖLÜM 3 POLİMERLERİN MOL KÜTLESİ

3.1 POLİMERLERİN ÇÖZÜNÜRLÜĞÜ

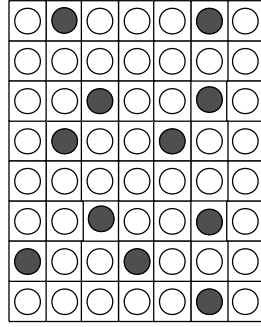


poli(metil metakilat)

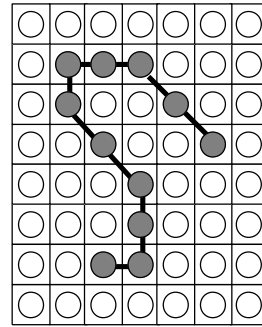


$$\Delta S = k \ln W$$

(3,2)

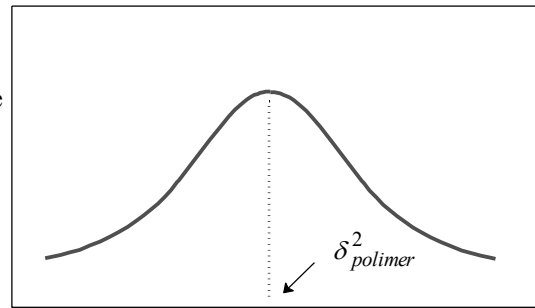


(a)



(b)

çözünürlük, şişme
veya
viskozite



$\delta_{\text{çözücü}}^2$

3.2 POLİMERLERDE MOL KÜTLESİ TÜRLERİ

- i) sayıca-ortalama mol kütlesi (M_n),
- ii) kütlece-ortalama mol kütlesi (M_w),
- iii) viskozite-ortalama mol kütlesi (M_v)
- iv) z-ortalama mol kütlesi (M_z)

yöntem	mol kütlesi türü
sayısal özellikler <i>buhar basıncı düşmesi</i> <i>kaynama noktası yükselmesi</i> <i>donma noktası alçalması</i> <i>ozmotik basınç</i> <i>son grup analizleri</i>	M_n
ışık saçılması	M_w
sedimentasyon dengesi sedimentasyon hızı	M_z
viskozite	M_v
jel geçirgenlik kromatografisi	$(M_n M_w)^{1/2}$

3.3 POLİMERLERİN FRAKSİYONLANMASI

