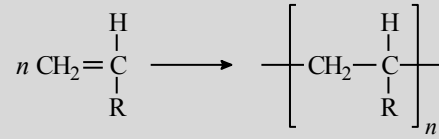


HAFTA-8

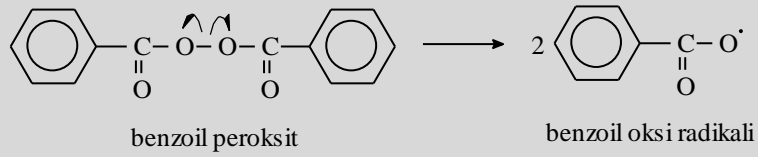
RADİKALİK KATILMA POLİMERİZASYONU

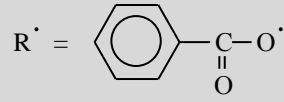


Zincir tepkimeleri aşağıda sıralanan dört tepkime adımını izler.

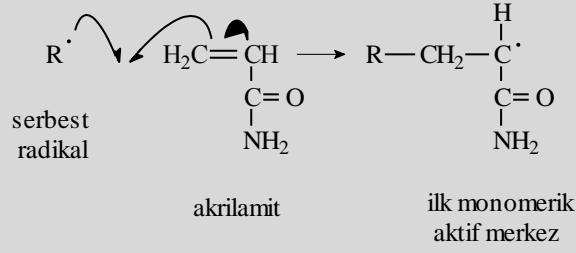
- başlama* : aktif monomerik merkezlerin oluştuğu adım (bazı kaynaklarda başlatıcının bozunma tepkimesi de bu adım içerisinde değerlendirilir)
- büyüme* : monomerlerin aktif merkezlere katıldığı adım (aktif merkezler korunarak)
- sonlanma* : aktif merkezin işlevini yitirdiği adım
- zincir transferi* : aktif merkezin bir başka moleküle aktarıldığı adım

başlama

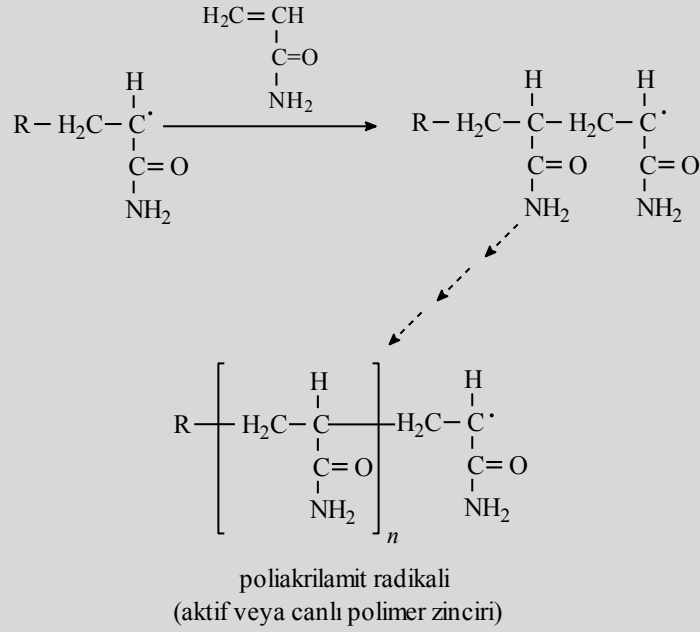




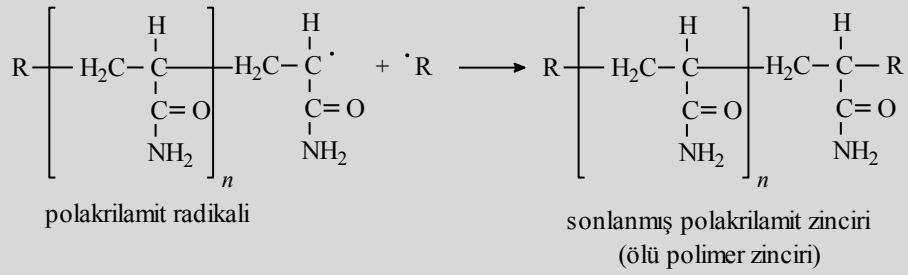
benzoil oksî radikali

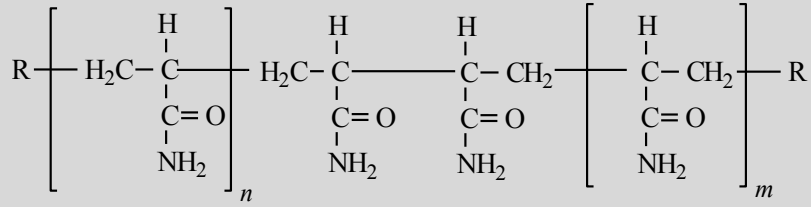


Büyüme

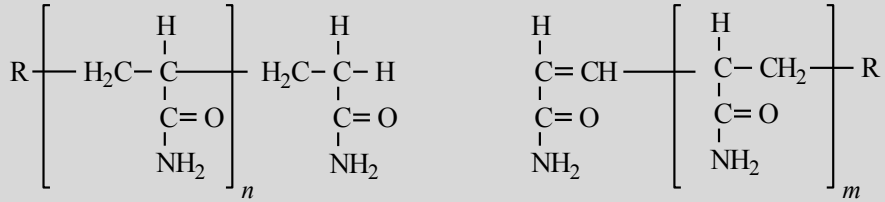
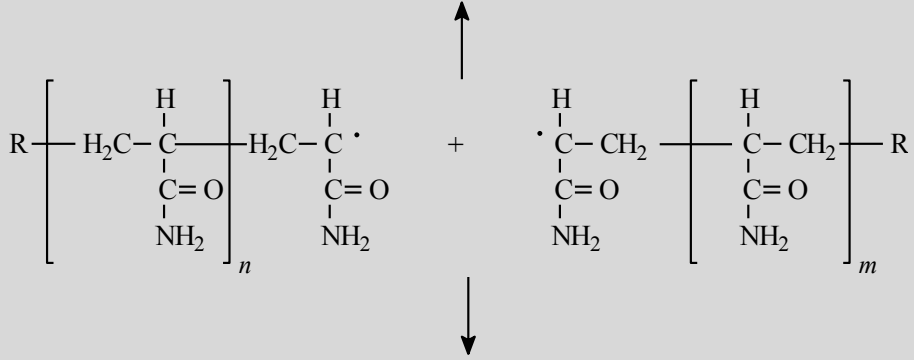


Sonlanma

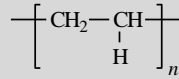
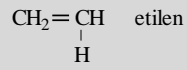




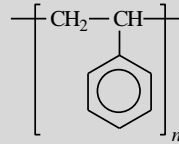
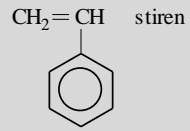
birleşerek sonlanma



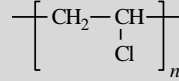
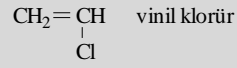
ayrı-ayrı sonlanma



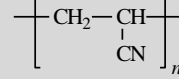
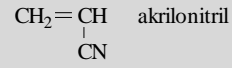
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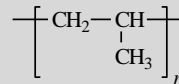
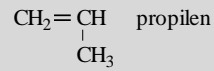
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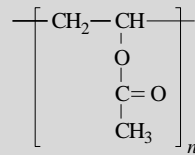
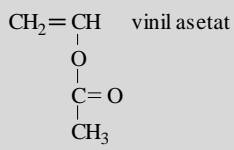
poli(vinil klorür)



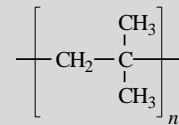
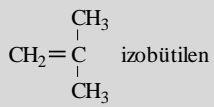
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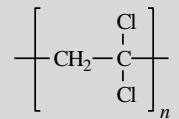
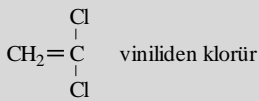
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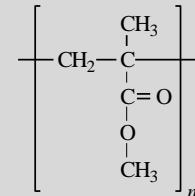
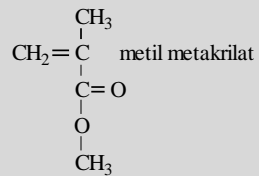
poli(vinil asetat)



poliizobütülen



poli(viniliden klorür)



poli(metil metakrilat)