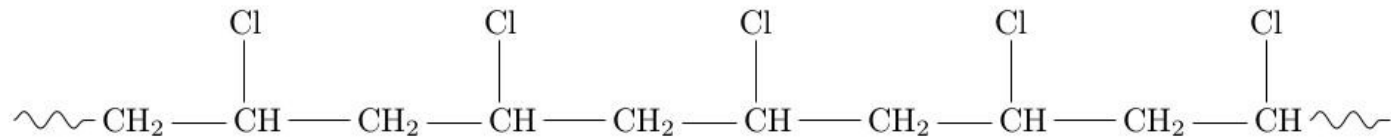


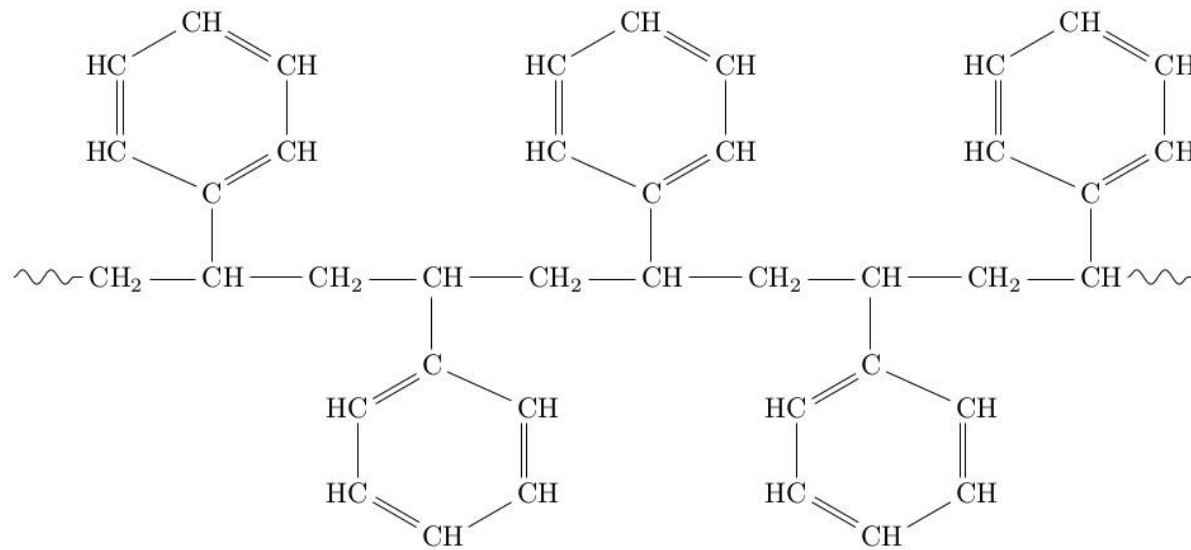
# LC02 Polymères

# Exemples de macromolécules

- **PVC (poly(chlorure de vinyle))**

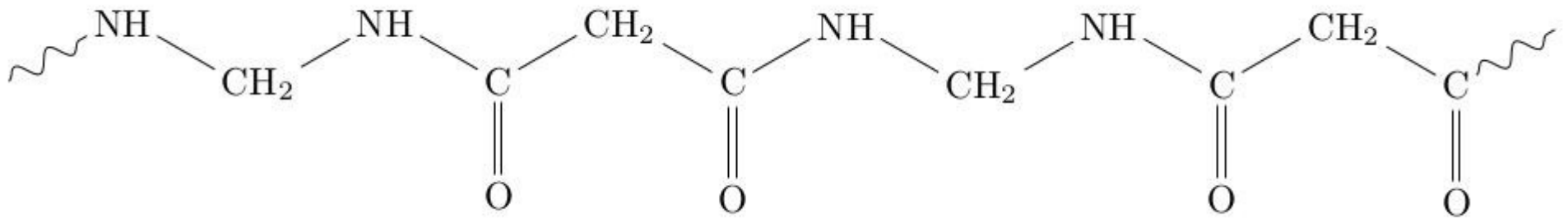


- **Polystyrène**



# Exemples de macromolécules

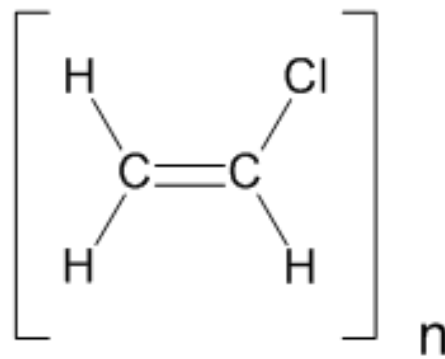
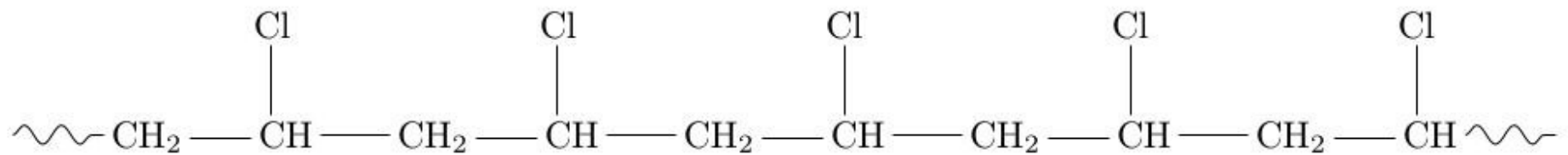
- **Exemple de nylon**



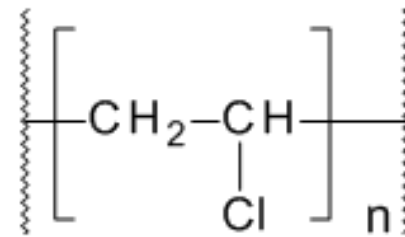
# Classification des polymères

- **Naturels : protéines, caoutchouc**
- **Artificiels : caoutchouc vulcanisé**
- **Synthétiques : PVC, polystyrène, nylon, polyéthylène**

# Notion de motif, exemple du PVC

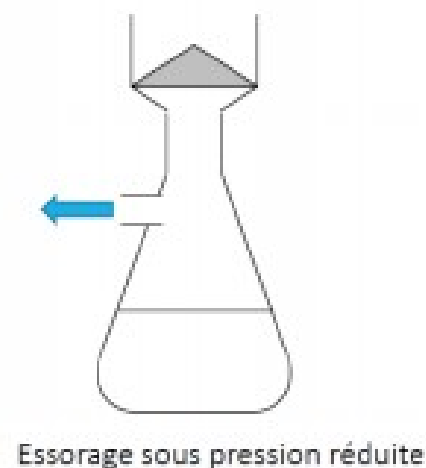
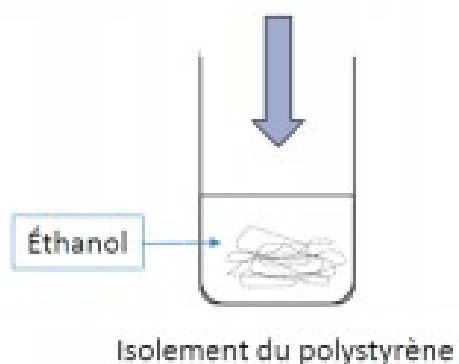
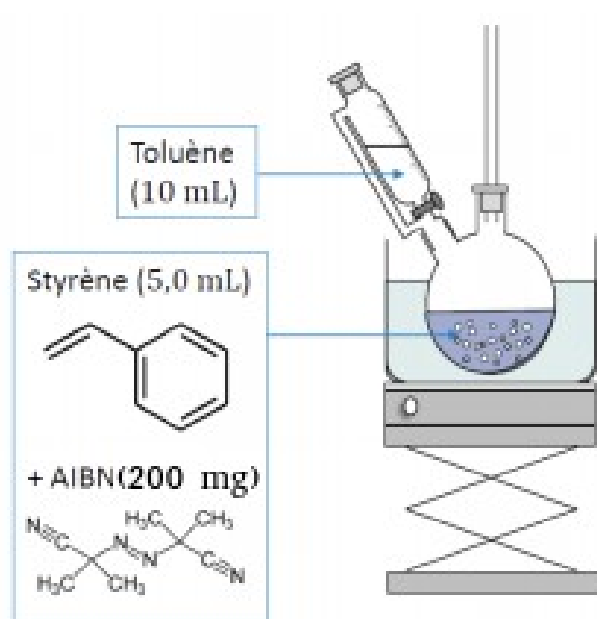
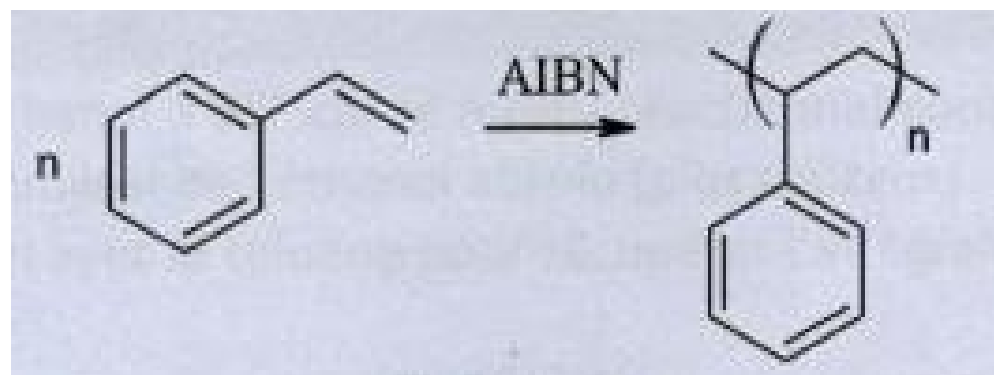


Chlorure de vinyle

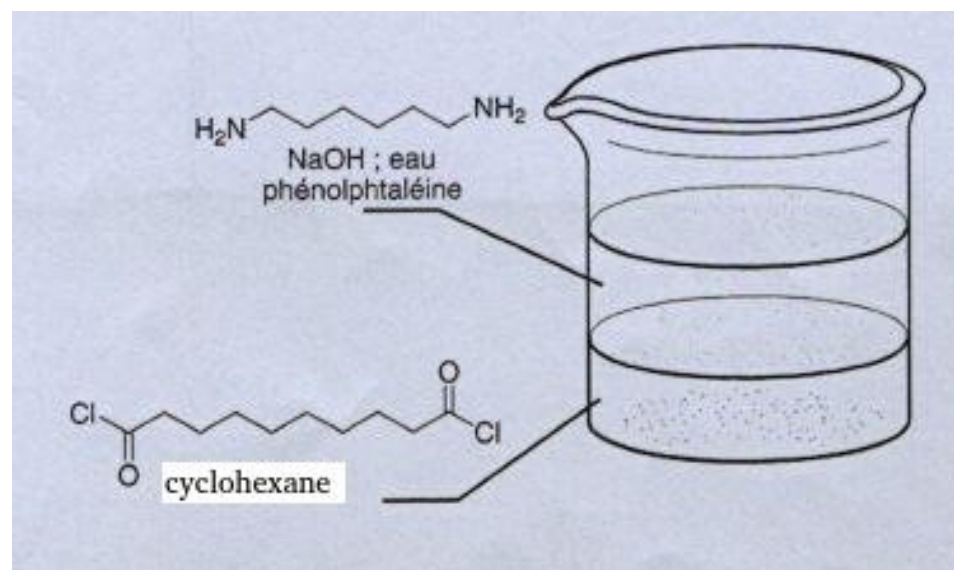
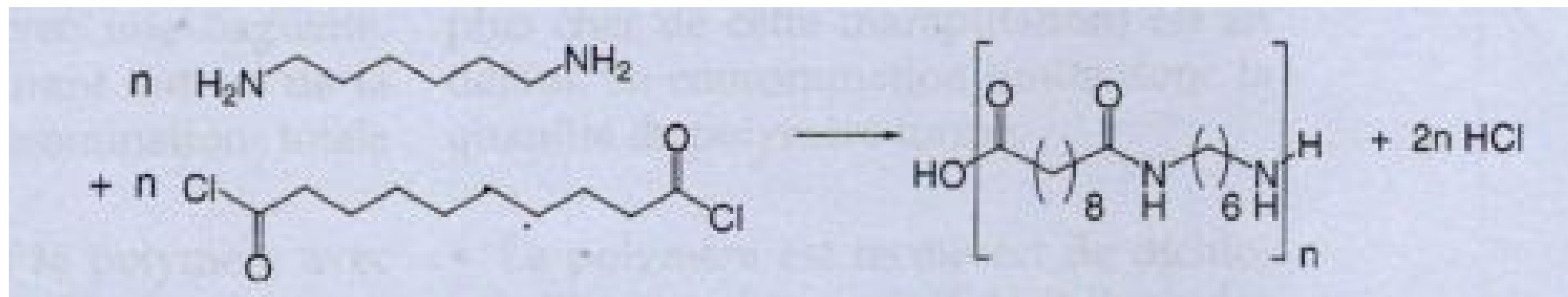


Polychlorure de vinyle

# Synthèse du polystyrène

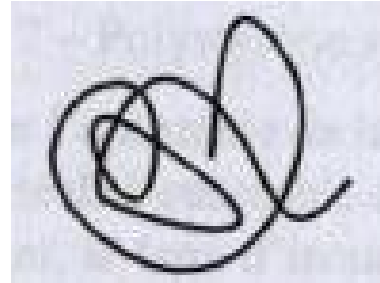


# Synthèse du nylon 6-10

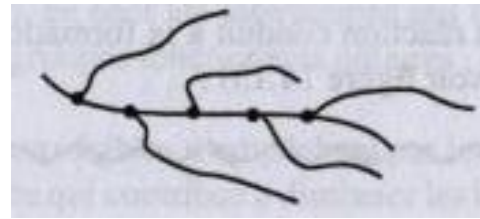


# Structure des polymères

- **Linéaire :**



- **Ramifié :**



- **Réticulé :**

