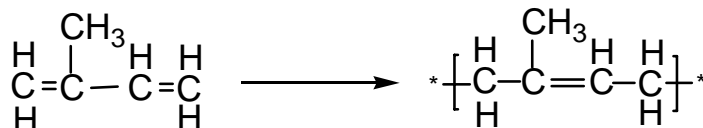
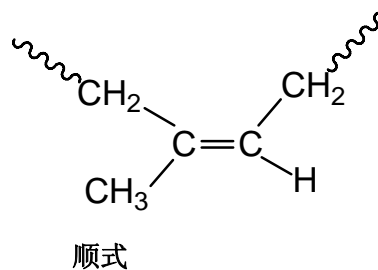
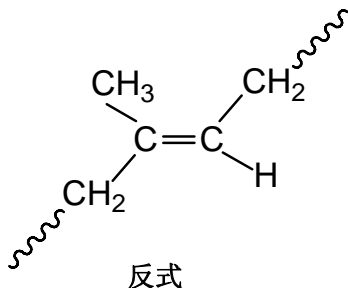


立体化学控制

- 1, 3-二烯烃聚合 (例如异戊二烯)

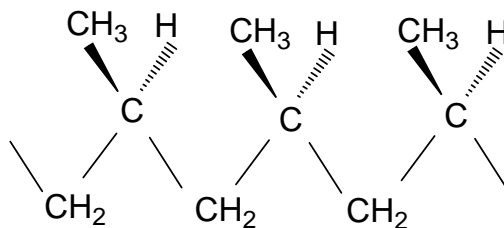


其几何构型如下:

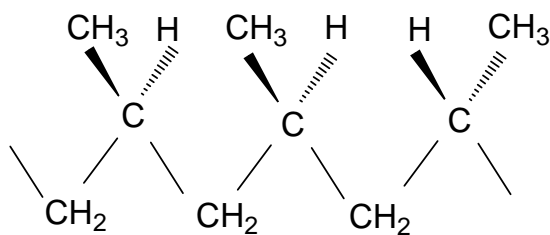


- 手性构型 (以聚丙烯为例)

全同立构



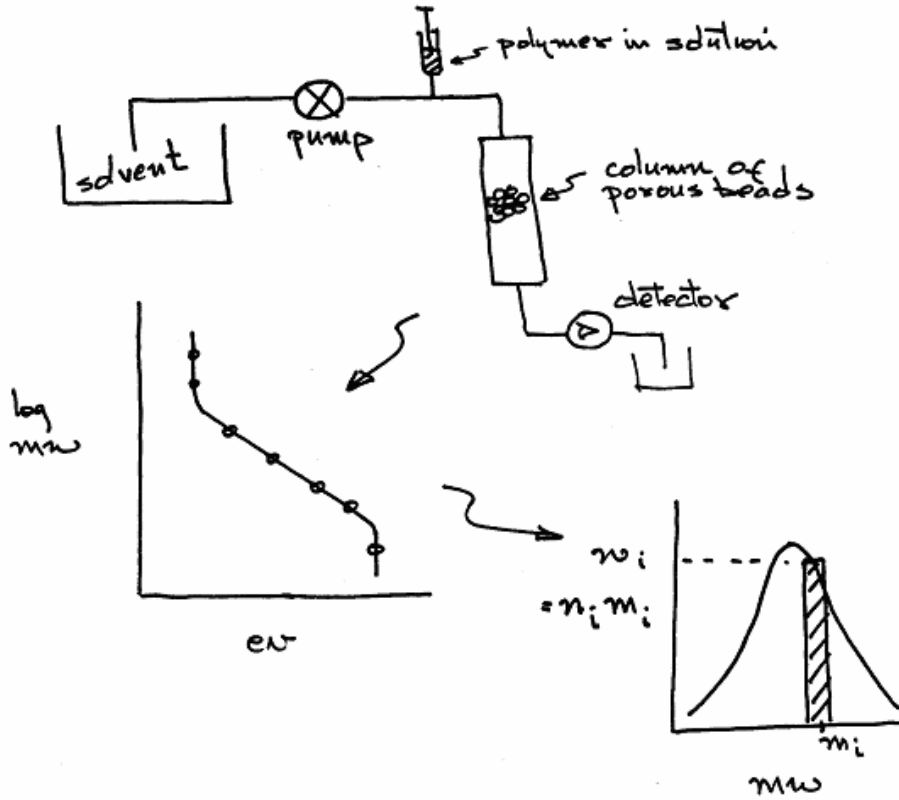
无规立构



- Ziegler-Natta 催化剂

分子量分布

- GPC(凝胶色谱)



平均值

$$\mu_n = \frac{\sum n_i m_i}{\sum n_i}$$

$$\mu_w = \frac{\sum w_i m_i}{\sum w_i} = \frac{\sum n_i m_i^2}{\sum n_i m_i}$$

$$D = \frac{\mu_w}{\mu_n}$$