

1g $C_{10}H_{22}$

same as before

1g $C_{1000}H_{2002}$

$$M_{1000} = 14002 \text{ g mol}^{-1}$$

$$n_{1000} = 0.71 \times 10^{-4}$$

$$\bar{M}_n = 281 \text{ g mol}^{-1}$$

$$\bar{M}_w = 7072 \text{ g mol}^{-1}$$

]

Bigger spread
again \Rightarrow wider
range.

$$\bar{M}_w \geq \bar{M}_n$$