facial contacts,[42] ϵ may approach the ratio of the respective surface areas of a sphere and an extended chain. In this case ϵ should be in proportion to $(\text{mol wt})^{-1/3}$ and a plot of log ϵ vs. log M should form a straight line of slope $-1/3$. Figure 4, in which the dashed line has $-1/3$ slope, demonstrates reasonable agreement with this hypothesis. However, more evidence is needed before any firm conclusions about the phenomenon can be made.