

## **long-range intramolecular interaction**

*in polymers*

An interaction between segments, widely separated in sequence along the chain, that occasionally approach one another during molecular flexing. This type of interaction is closely related to the excluded volume of a segment, the latter quantity reflecting interactions involving segments and solvent molecules. If no confusion can occur, the word 'intramolecular' may be omitted.

***Source:***

Purple Book, p. 48