

Erratum

The living carbocationic polymerization of isobutylene induced by the common ion effect

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In the discussion of the common ion effect in isobutylene polymerization we introduced the simplified Winstein spectrum as a model for isobutylene polymerization in the presence of $n\text{Bu}_4\text{NCl}$. We stated that in the presence of $n\text{Bu}_4\text{NCl}$ the concentration of free dissociated carbenium ions can be neglected and the polymerization proceeds exclusively via living species (i.e., polarized covalent bond). This simplification of the Winstein spectrum was illustrated by a simple equilibrium between the dormant and living species. The equilibrium equation on the bottom of p.308 is not balanced so that the kinetic equations and the values of k_{pL} and K_1 derived from this equilibrium are incorrect. The experimental data, however, are correct and useful. The kinetic treatment of isobutylene polymerization in the presence of $n\text{Bu}_4\text{NCl}$ should be replaced by the expanded treatment by T. Pernecker, T. Kelen and J.P. Kennedy published in *J. Macromol. Sci.-Chem.*, **A30**, (6&7), 399 (1993).

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