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Erratum

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ERRATA

JOURNAL OF MACROMOLECULAR SCIENCE—CHEMISTRY,
Volume A7(4), 1973.

Equation (5) on p. 894 should read:

$$f_e/fT = d \ln \langle r_o^2 \rangle / dT = -\epsilon' / RT^2$$

The text at the top of p. 896 should read:

It was found that $f_e/fT = 0.13 \times 10^{-3}/^{\circ}\text{C}$ for a one-to-one random copolymer of ethylene and propylene. This value is in poor agreement with the calculated result [13] of $-1.1 \times 10^{-3}/^{\circ}\text{C}$, though in satisfactory accord with the theoretical result of Opschoor [14]. On the other hand, for homopolymers, f_e/fT is $-1.1 \times 10^{-3}/^{\circ}\text{C}$ for polyethylene [15] and $-4.0 \times 10^{-3}/^{\circ}\text{C}$ for polypropylene [14]. In the case of SBR, a styrene-butadiene copolymer, $f_e/fT = -3.9 \times 10^{-3}/^{\circ}\text{C}$. In contrast, these values were reported in the literature to be $0.33 \times 10^{-3}/^{\circ}\text{C}$ for polybutadiene [16] and $0.37 \times 10^{-3}/^{\circ}\text{C}$ for polystyrene [17]. There is apparently no simple correlation between the energy contributions of copolymers and their homopolymers. [Underlines indicate corrections.]

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JOURNAL OF MACROMOLECULAR SCIENCE—CHEMISTRY,
Volume A7(7), 1973.

In both the next to last paragraph on p. 1402 and in the key inside Fig. 1 on p. 1403, 10^{-3} should read 10^{-2} for both concentration levels.

In the final paragraph on p. 1402, in the parenthetical sentence, change "thousand" to "hundred."

Samuel Smith

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