

Erratum

Polymer blends – a route to new polymer materials – C Bhattacharya, B M Mandal and S N Bhattacharyya, Indian J. of Physics 63A(3) 269-276 (1989)

1. P 270 : Read eq. (1) as

$$\Delta\mu_{1, \text{noncombinatorial}} = RT\chi_{12}^* r_1 \phi_2^2$$

2. P 271 lines 1–4 : Replace 'where the segment numbers (r 's) --- Flory-Huggins theory (1942)' with 'In eq. (2) r is the ratio of the segment numbers of the two components ($r = r_2/r_1$) and the segment numbers (r_i 's) are determined as the ratios of the molar core volumes (volumes at 0 K, instead of the molar volumes used in the Flory-Huggins theory) of the components 1 and 2 to that of the segment'.

3. P 273 line 10 : read $B_{ij}/RT = \chi_{ij}/v_s$ where v_s is the segmental volume.

4. P 275 : the repeating unit of PPA would be $-\text{CH}_2-\text{CH}-$

