J Mol Model (2005) 11: 87
DOI 10.1007/s00894-004-0219-4

ERRATUM

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Modeling of the phase equilibria of polystyrene in methylcyclohexane with semi-empirical quantum mechanical methods I

Published online: 25 January 2005

J Mol Model (2003) 9:108–113

Due to a mistake in the numerical calculations the graph shown on Figure 4 is incorrect. The correct graph is given below. This does not affect the main results and conclusions of this paper.

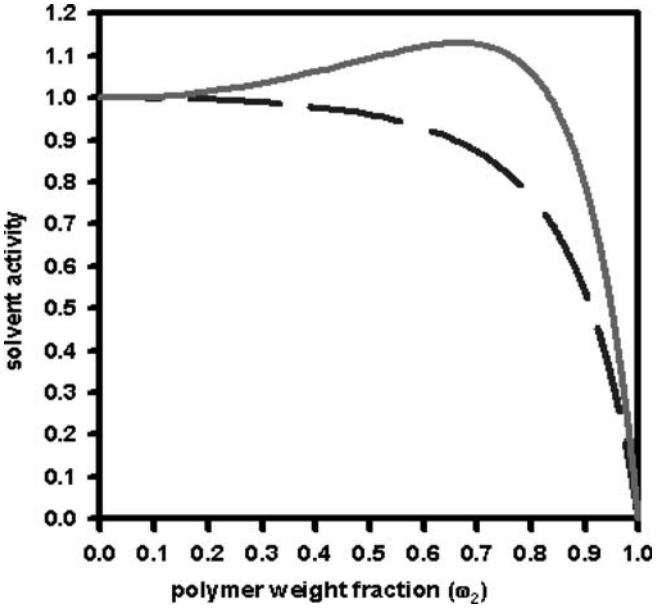

Fig. 4 Solvent acticities for the methylcylcohexane(1) + polystyrene(2) system at 316K. _____ parameters a_{ij} obtained with the AM1 method; _ _ _ _ parameters a_{ij} from VLE data for the ethylbenzene + methylcyclohexane system [28]. The abscissa is the polymer weight fraction defined as $\omega_2(x_1) = (1–x_1)M_2 / [x_1M_1 + (1–x_1)M_2]$ where x_1 is the solvent mole fraction and M_i are the molecular weights of the components

The online version of the original article can be found at http://dx.doi.org/10.1007/s00894-003-0119-z

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