

Structure of cyclohexane +*t*-butanol mixtures from positron annihilation and ultrasonic velocity measurements.

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Streszczenie

The densities of and sound velocities in *t*-butyl alcohol solutions in cyclohexane were determined in the temperature range 25 to 45°C. From these data adiabatic compressibility coefficients of the solutions were calculated, as well as excess densities and compressibilities. The positron annihilation spectra of the solutions were measured at room temperature. The results plotted against alcohol concentration show structural processes, which can be attributed to dimerization of the solute molecules.

Adres publiczny

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<http://www.ifpan.edu.pl>