

## Structure of aqueous solutions of 1,2 - and 1,3 - propanediol investigated by positron annihilation and ultrasonic methods.

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### Streszczenie

The structure of aqueous solutions of 1,2-propanediol and 1,3-propanediol was investigated using adiabatic compressibility measurements and positron annihilation methods. The experimental results are different than those obtained earlier for systems where hydrophobic hydration dominates. There are some evidences for increased rigidity of the water network, which can arise from the formation of hydrogen bonds between diols and water.

### Adres publiczny

<https://doi.org/10.12693/APhysPolA.95.562>

### Strona internetowa wydawcy

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