

Accepted Manuscript

On the temperature dependence of the Adam-Gibbs equation around the crossover region in the glass transition

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PII: S0378-4371(17)31244-X
DOI: <https://doi.org/10.1016/j.physa.2017.12.001>
Reference: PHYSYA 18931

To appear in: *Physica A*

Received date: 9 December 2016
Revised date: 25 August 2017

Please cite this article as: M. Duque, A. Andraca, P. Goldstein, L.F. del Castillo, On the temperature dependence of the Adam-Gibbs equation around the crossover region in the glass transition, *Physica A* (2017), <https://doi.org/10.1016/j.physa.2017.12.001>

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Highlights

- In the supercooled regime, a constant or a temperature dependent potential energy hindering the cooperative rearranging regions, appear depending on the region under study."
- The breakdown of the Stokes-Einstein relation for a tracer in a supercooled liquid is caused by thermal fluctuations in the chemical potential
- The constancy of the energy term in the Adam-Gibbs equation depends on the temperature region it is studied ,and on the assumptions made upon the calorimetric properties of the glassformer

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