

Accepted Manuscript

Title: Internal Structure and Thermo-Viscoelastic Properties of Agar Ionogels

Author: Anshu Sharma Kamla Rawat Pratima R. Solanki V.K.
Aswal J. Kohlbrecher H.B. Bohidar



PII: S0144-8617(15)00732-8
DOI: <http://dx.doi.org/doi:10.1016/j.carbpol.2015.07.094>
Reference: CARP 10196

To appear in:

Received date: 9-3-2015
Revised date: 28-7-2015
Accepted date: 29-7-2015

Please cite this article as: Sharma, Anshu., Rawat, Kamla., Solanki, Pratima R., Aswal, VK., Kohlbrecher, J., & Bohidar, H.B., Internal Structure and Thermo-Viscoelastic Properties of Agar Ionogels. *Carbohydrate Polymers* <http://dx.doi.org/10.1016/j.carbpol.2015.07.094>

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Internal Structure and Thermo-Viscoelastic Properties of Agar Ionogels

Anshu Sharma^{ab}, Kamla Rawat^{bc*}, Pratima R. Solanki^b, V. K. Aswal^d, J. Kohlbrecher^e
and H. B. Bohidar^{ab*}

^aSchool of Physical Sciences, Jawaharlal Nehru University, New Delhi, India

^bSpecial Centre for Nanosciences, Jawaharlal Nehru University, New Delhi, India

^cInter University Accelerator Centre (IUAC), New Delhi 110067, India

^dSolid State Physics Division, Bhabha Atomic Research Centre, Mumbai, India

^eLaboratory for Neutron Scattering, Paul Scherrer Institut, Villigen, Switzerland

*Corresponding author, Email: bohi0700@mail.jnu.ac.in; kamla.jnu@gmail.com

Fax: +91 11 2674 1837; Tel: +91 11 2674 4637/4699

Highlights

1. Ionic liquid (IL) altered the homogeneity of agar gels
2. IL changed thermal and mechanical properties of gels significantly.
3. Gels with wide range of storage modulus values could be designed.
4. Differential hydration, gelation and gel melting temperatures (T_g and T_m) were noticed for the two Ionogels.

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