

Non-Newtonian viscous shear thinning in ionic liquids

Supplementary data

Geoffrey L. Burrell* Noel F. Dunlop† Frances Separovic‡

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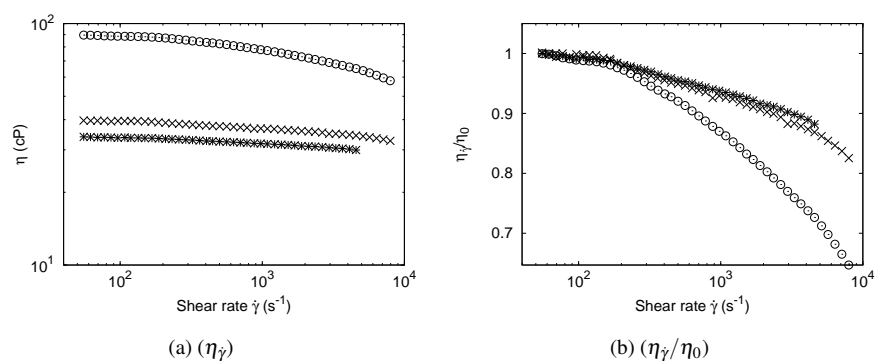


Figure 1: BMIm.Cl shear viscosity ($\eta_{\dot{\gamma}}$) at increasing temperature (a) as a function of shear rate $\dot{\gamma}$ (s^{-1}) and, (b) normalised with respect to zero shear viscosity (η_0). Higher temperature demonstrates shift of shear thinning onset to higher frequency as a function of temperature. 348 K (\odot), 358 K ($+$), 368 K (\times).

*School of Chemistry, The University of Melbourne, Melbourne, Australia

†Orica Ltd, Melbourne, Australia

‡School of Chemistry, The University of Melbourne, Melbourne, Australia, E-mail: fs@unimelb.edu.au

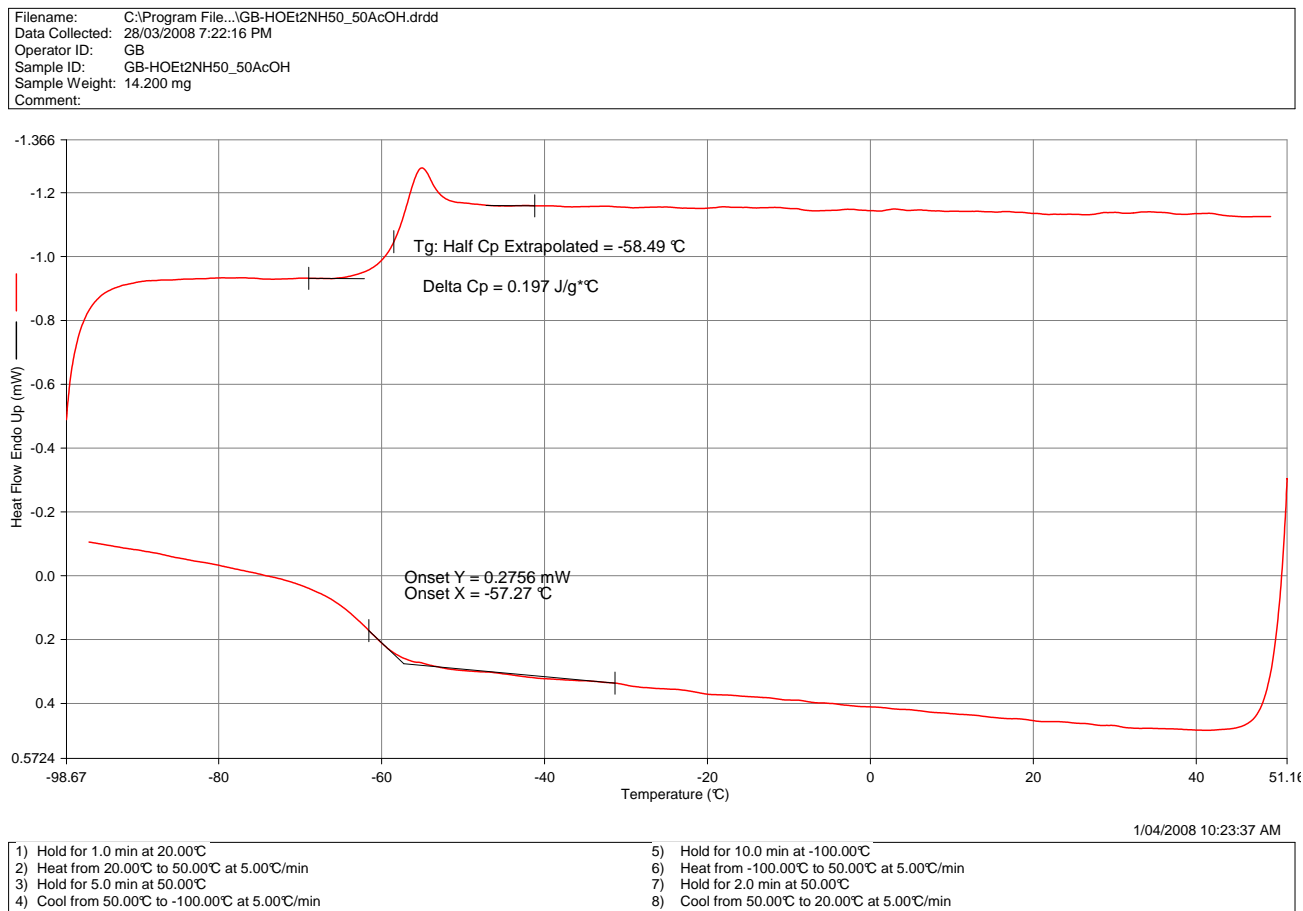


Figure 2: Diferential scanning calorimetry scan of (HOEt)₂NH.AcOH.