

Effect of Hydrophilic and Hydrophobic Interactions on the Rheological Behaviour and Microstructure of a Ternary Cellulose Acetate System

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Supporting information

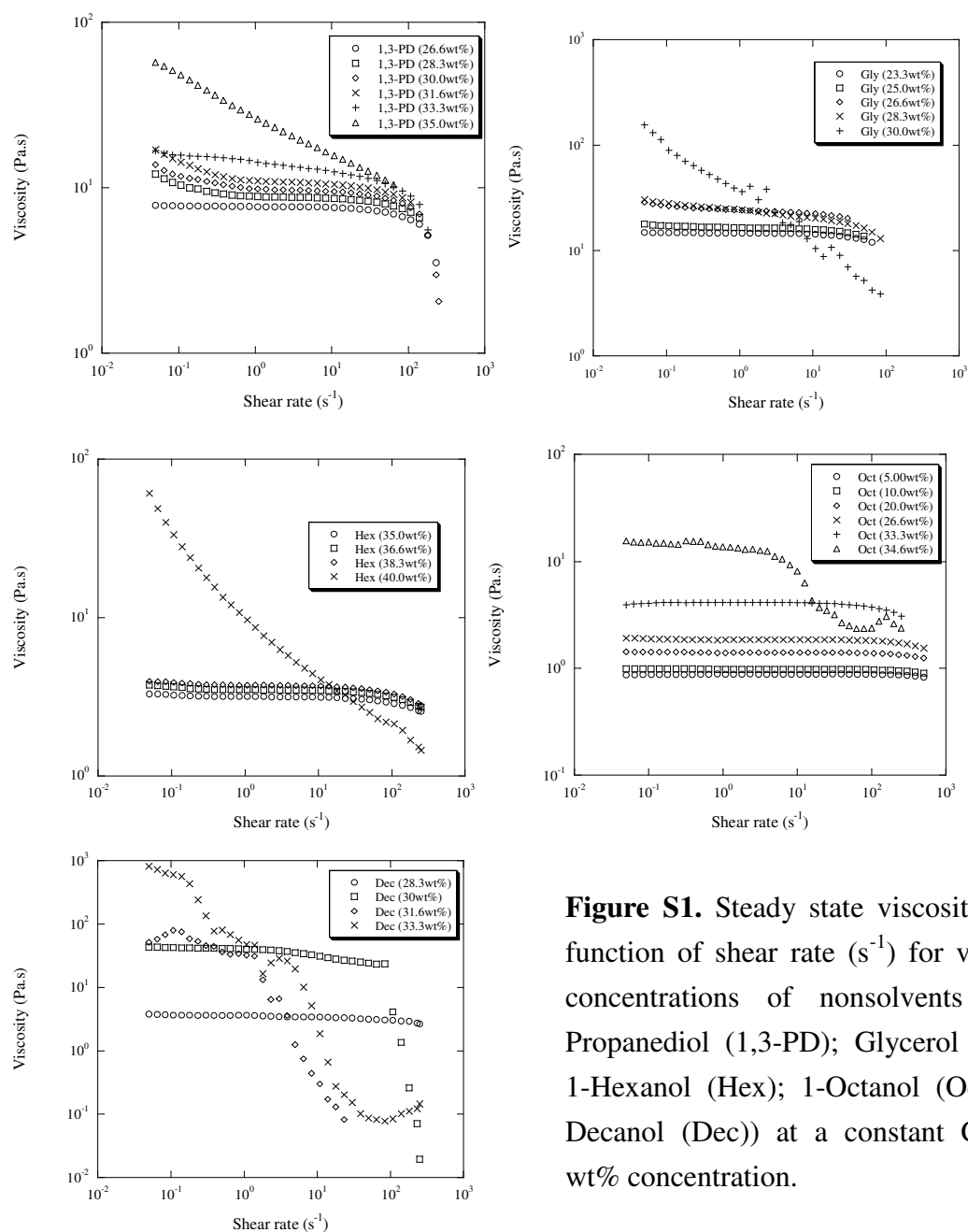


Figure S1. Steady state viscosity as a function of shear rate (s^{-1}) for varying concentrations of nonsolvents (1,3-Propanediol (1,3-PD); Glycerol (Gly); 1-Hexanol (Hex); 1-Octanol (Oct); 1-Decanol (Dec)) at a constant CA 15 wt% concentration.

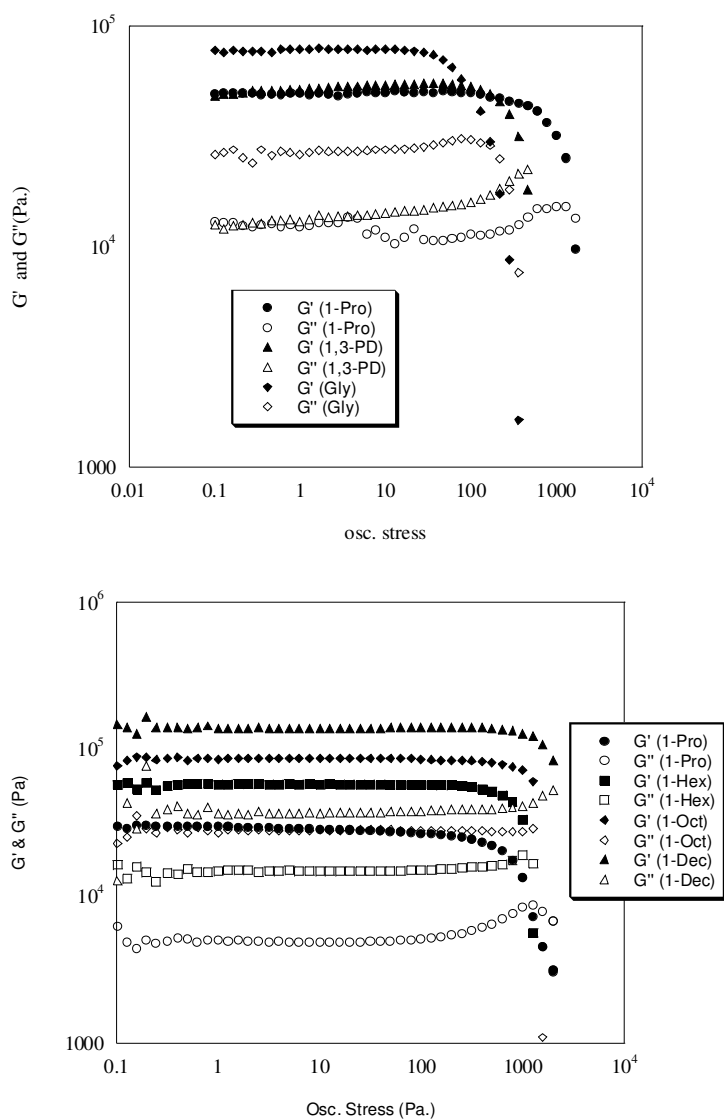


Figure S2. Dynamic Rheology of CA Ternary System Gels; 1-Propanol (1-Pro); 1,3-Propanediol (1,3-PD); Glycerol (Gly); 1-Hexanol (1-Hex); 1-Octanol (1-Oct); 1-Decanol (1-Dec). 15 wt% CA concentration, and 53.3 wt% 1-Pro, 41.6 wt% 1,3-PD, 35 wt% Gly, 41.6 wt% 1-Hex, 40.0 wt% 1-Oct, 36.6wt% 1-Dec