

Supporting Information

Microstructure and Tribological Properties of Lamellar Liquid Crystals Formed by Ionic Liquids as Cosurfactants

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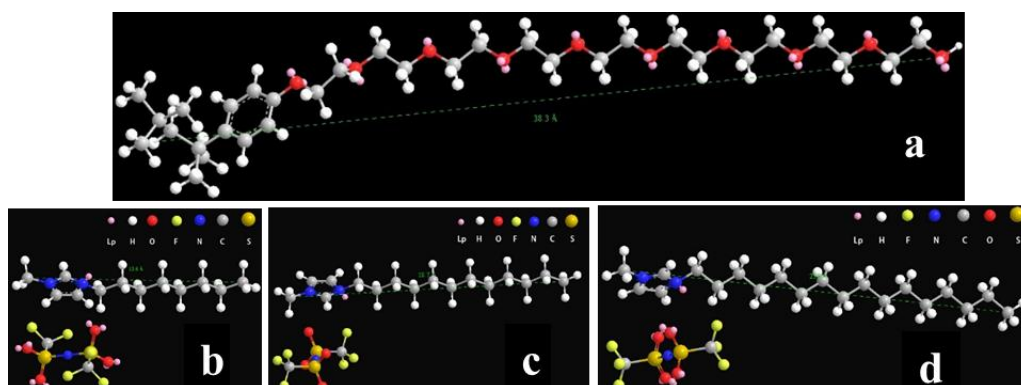


Figure. S1 Molecular structures of the simulation model of Triton X-100 (a), C₈mimNTf₂ (b), C₁₂mimNTf₂ (c) and C₁₆mimNTf₂ (d).

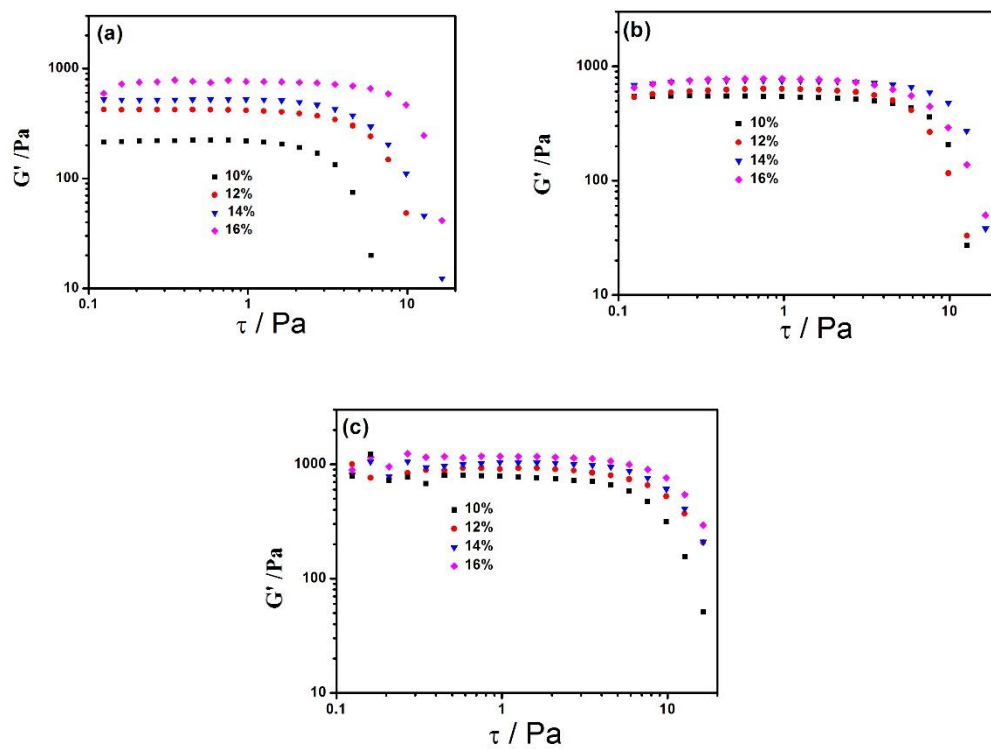


Figure. S2 Variations of elastic modulus (G') as a function of oscillatory stress τ (a-c) for different concentrations (10, 12, 14 and 16 wt%) of C_n mimNTf₂ at the constant weight ratio 1.25 of Triton X-100 to H₂O, where (a) $n=8$, (b) $n=12$, (c) $n=16$.