

## Electronic Supporting Information

### Thermoreversible ionogels with tunable properties via aqueous gelation of an amphiphilic quaternary ammonium oligoether-based ionic liquid

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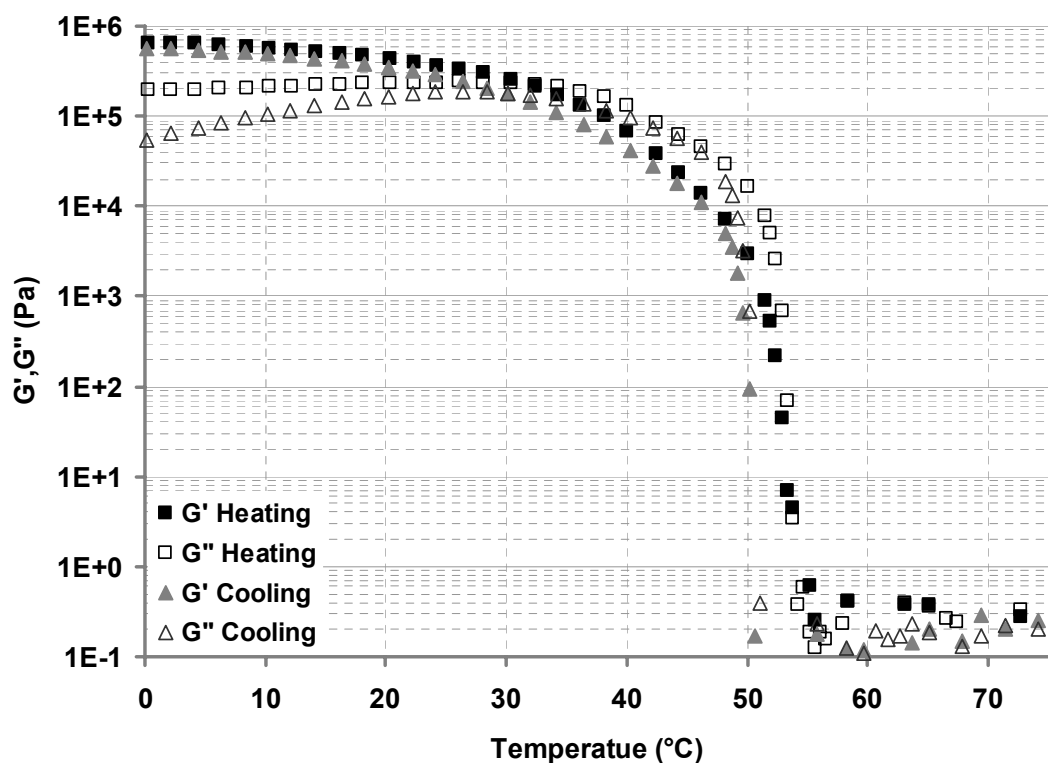
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**Fig. S1** Rheological properties as a function of temperature for an IG derived from the aqueous gelation of A100 IL (60 wt. %). Heating-cooling cycles of the IG during the oscillatory shear measurements demonstrated the thermoreversible behavior of these materials.