

Supplementary Materials

Article

Tunable Thermo-Responsive Copolymers from DEGMA and OEGMA Synthesized by RAFT Polymerization and the Effect of the Concentration and Saline Phosphate Buffer on its Phase Transition

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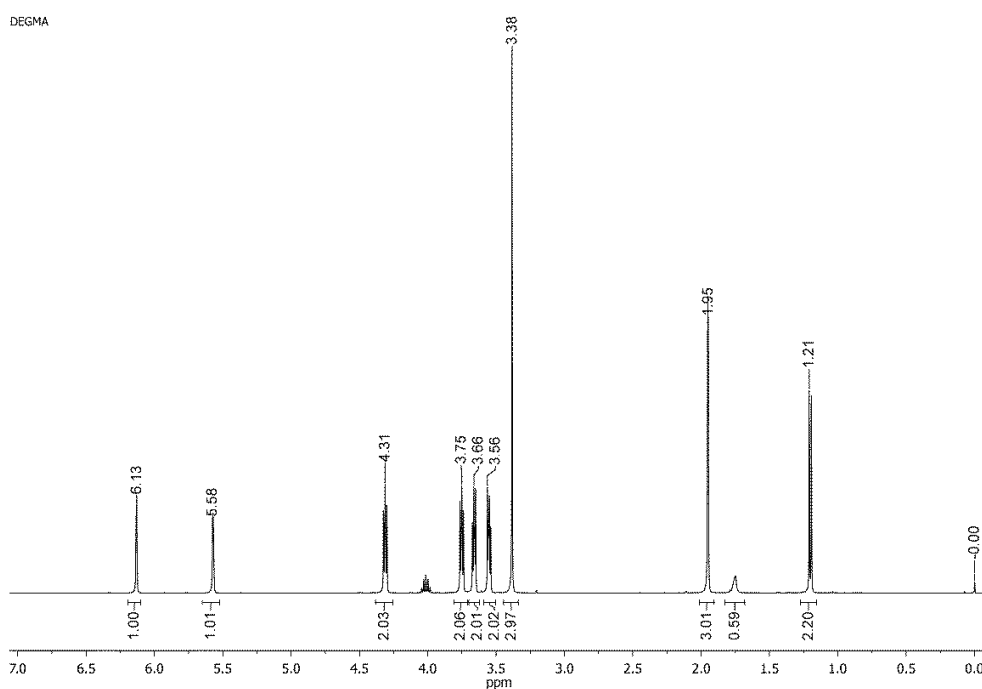


Figure S1. ¹H NMR (CDCl₃, 400 MHz) of diethylene glycol methyl ether methacrylate (DEGMA).

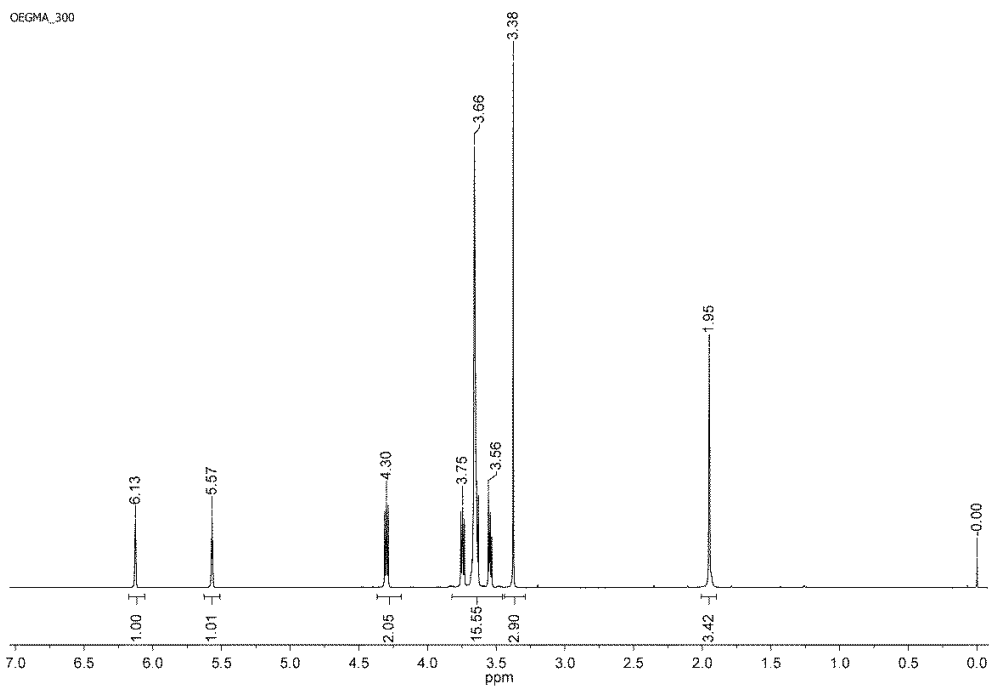


Figure S2. ^1H NMR (CDCl_3 , 400 MHz) of oligoethylene glycol methyl ether methacrylate (OEGMA).

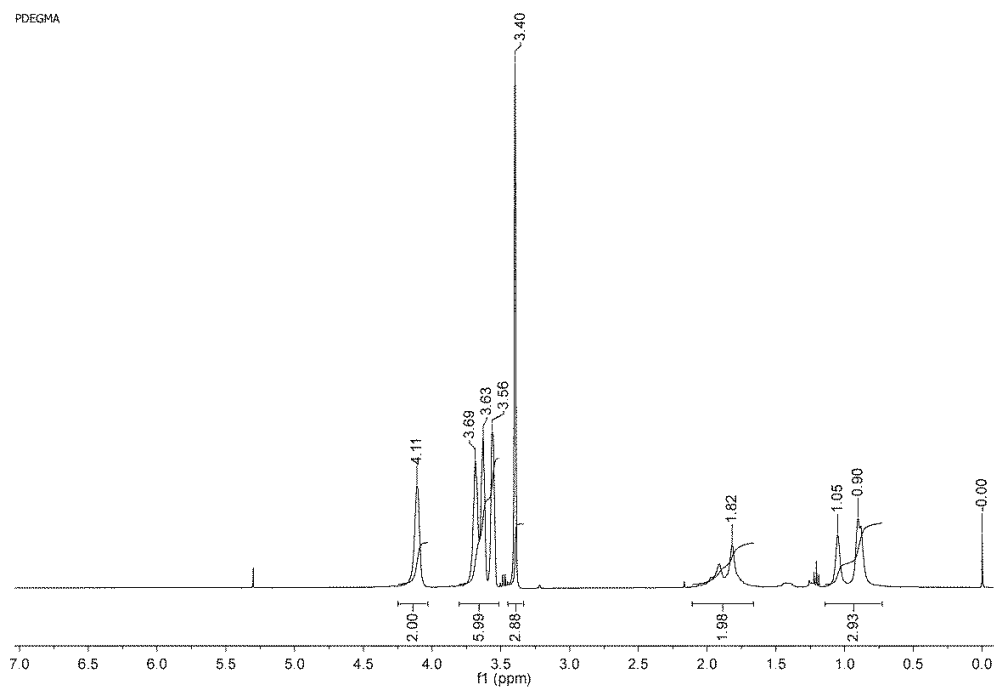


Figure S3. ^1H NMR (CDCl_3 , 400 MHz) of poly(diethylene glycol methyl ether methacrylate (PDEGMA).

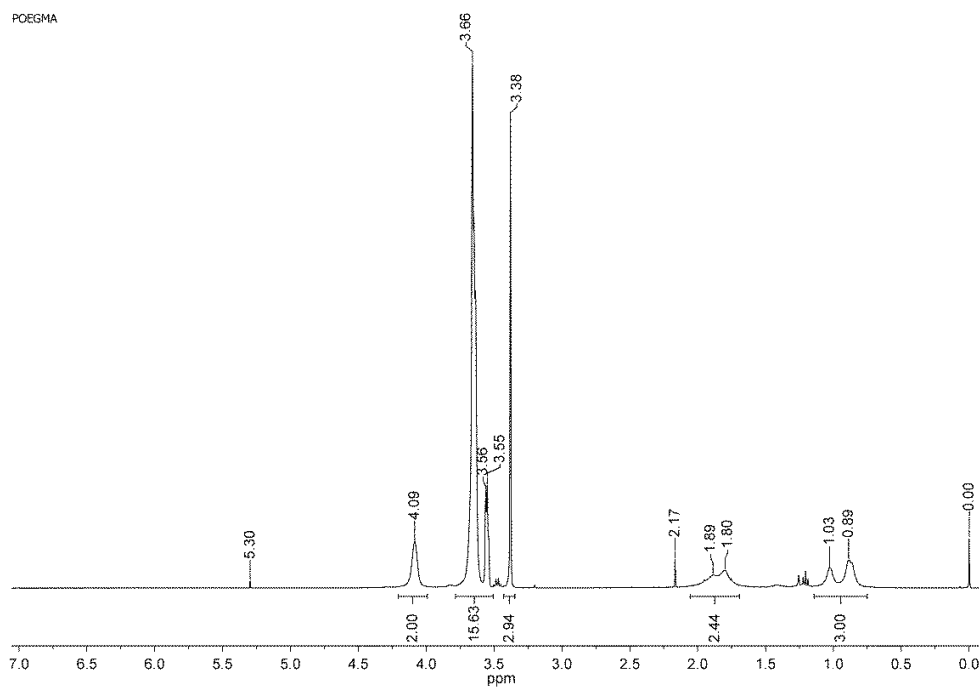


Figure S4. ^1H NMR (CDCl_3 , 400 MHz) of diethylene glycol methyl ether methacrylate (POEGMA).

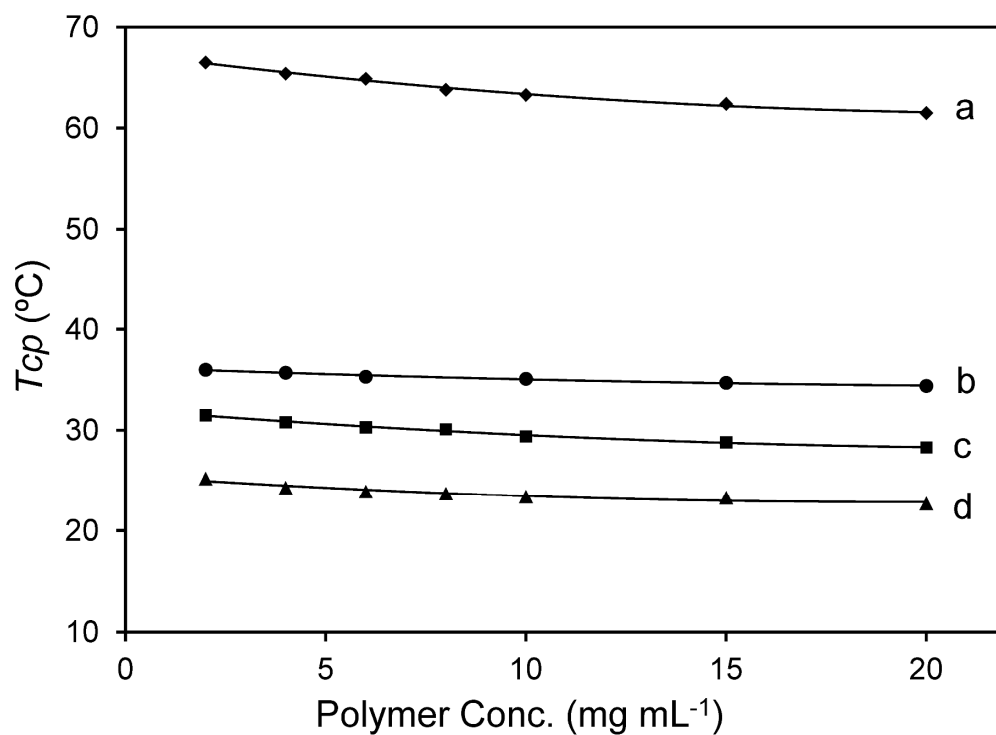


Figure S5. T_{cp} as a function of polymer concentration in water of a) POEGMA, b) poly(DEGMA-OEGMA) 75:25 mole ratio, c) poly(DEGMA-OEGMA) 86:14 mole ratio and d) PDEGMA.