Supporting Information

Poly(β-thioesters) Containing Monodisperse Oxamide Hard Segments Using a Chemoselective Thiol-Michael Addition Reaction

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Figure S1: DSC of soft segment homopolymers
Figure S2: TGA of polymer samples

Figure S3: TGA of control copolymer analogs
Figure S4: Example DLS Particle volume Distribution in DMF with 0.05M LiBr for 10 mol % BOx-2,6-DMA sample 1 mg/mL. Volume statistics reported after three samplings.

Figure S5: APC chromatogram for model soft-segment oligomers with n-mer resolution
*Same assignments for 20 mol % and 30 mol % samples and segmented control

10 mol% BOx-26-DMA

20 mol% BOx-26-DMA
Model Soft Segment Oligomer
0.8:1 acrylate:thiol

Model Soft Segment Oligomer
0.7:1 acrylate:thiol