Supporting Information

Organic-Inorganic Shape Memory Thermoplastic Polyurethane Based on Polycaprolactone and Polydimethylsiloxane

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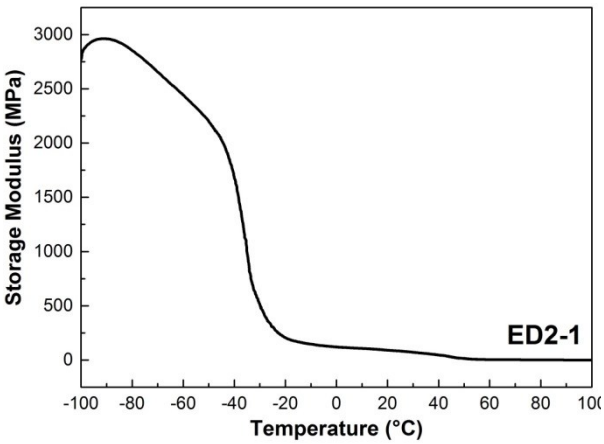

Figure S1: Thermomechanical analysis of poly(PCL/PDMS urethane), ED2-1, depicting change in storage modulus with temperature.

Table S2
Storage Modulus at 25 °C of poly(PCL/PDMS urethane)s

Sample	Storage Modulus at 25 °C[a] (MPa)
ED1-1	62.5
ED1-2	101.6
ED2-1	82.9

[a] Storage modulus determined from DMA thermomechanical analysis results.

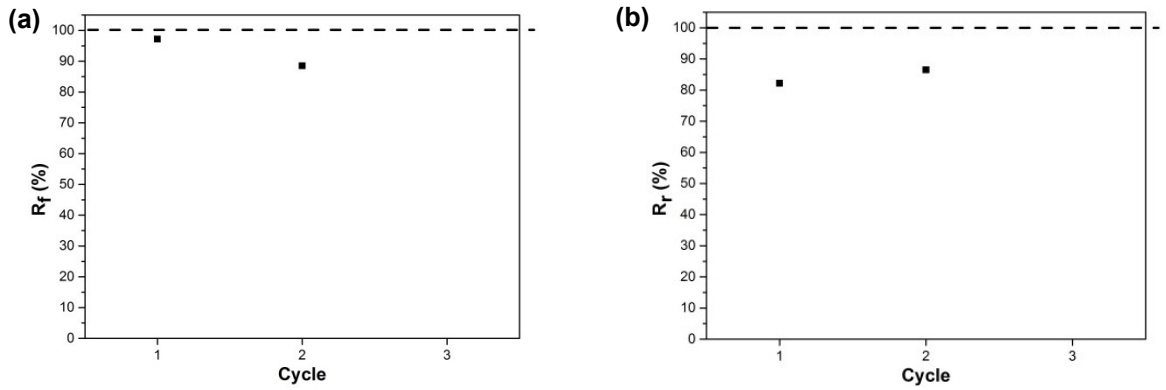

Figure S3: (a) Shape fixity ratio (R_f) and (b) shape recovery ratio (R_r) of poly(PCL/PDMS urethane), ED1-1.

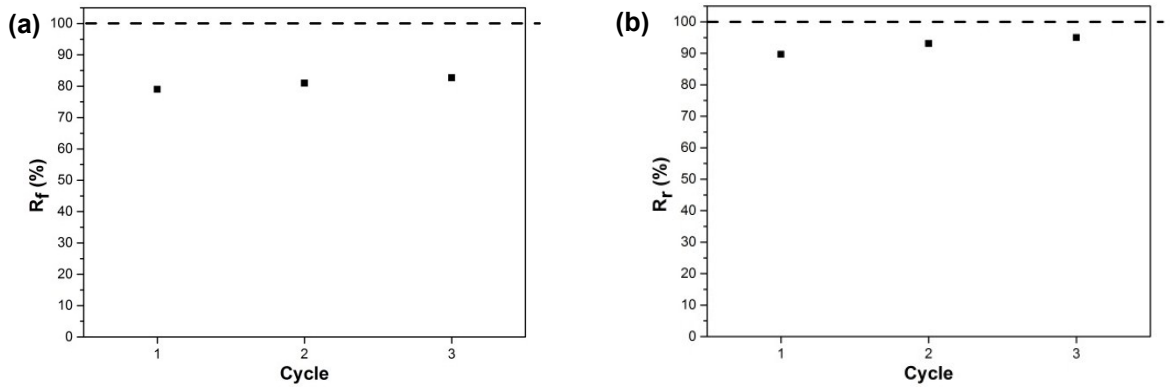

Figure S4: (a) Shape fixity ratio (R_f) and (b) shape recovery ratio (R_r) of poly(PCL/PDMS urethane), ED2-1.