Biodegradable Thermoplastic Polyurethanes Incorporating Polyhedral Oligosilsesquioxane (POSS)

SUPPLEMENTARY INFORMATION

*Pamela T. Knight[1,2], Kyung Min Lee[1], Haihu Qin[1], and Patrick T. Mather[2,3]**

[1]Department of Macromolecular Science and Engineering, Case Western Reserve University, 2100 Adelbert Road, Cleveland, OH 44106

[2]Syracuse Biomaterials Institute, [3]Department of Biomedical and Chemical Engineering, Syracuse University, Syracuse, NY 13244

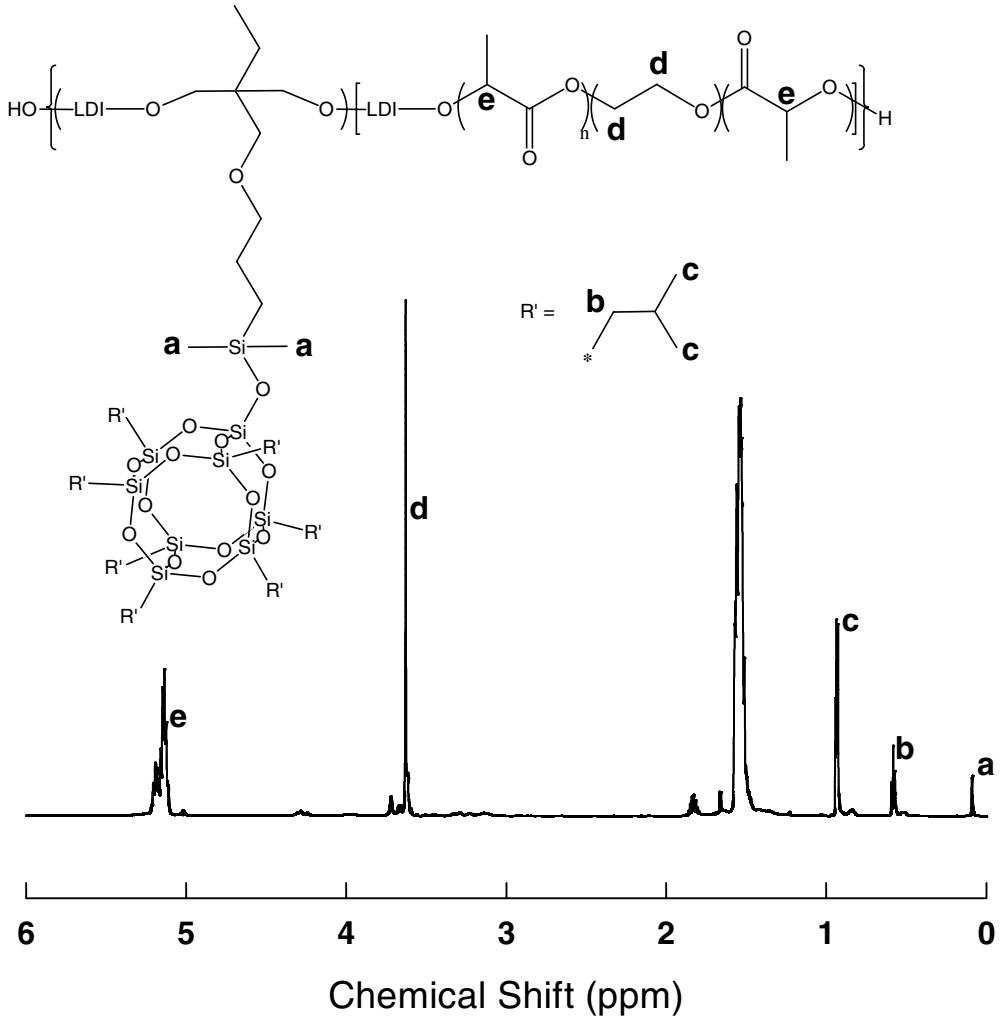

Figure S1. NMR spectrum for a sample polymer, P(1k)LA-P2, with characteristic peaks labeled.

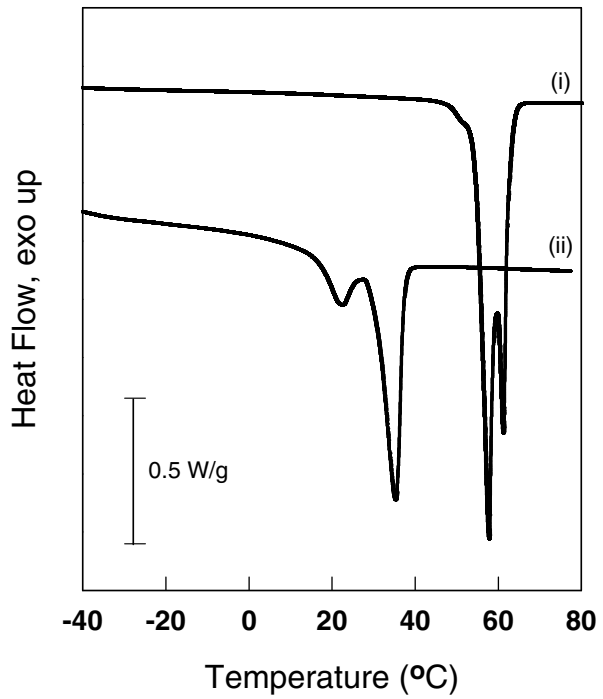

Figure S2. DSC second heating traces for (i) PEG(4k) homopolymer and (ii) P(4k)LA annealed at 10 °C on the cool for 120 minutes. Each exhibit double-melting behavior.

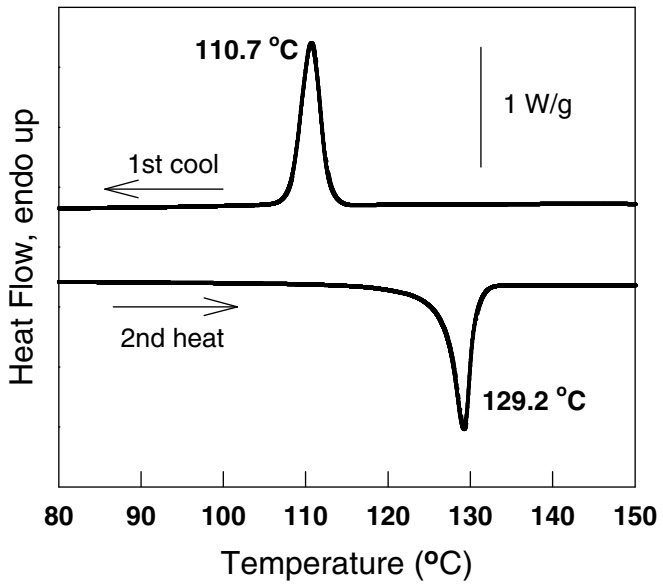

Figure S3. DSC first cooling (after melting at 160 °C) and second heating traces for TMP POSS diol.