

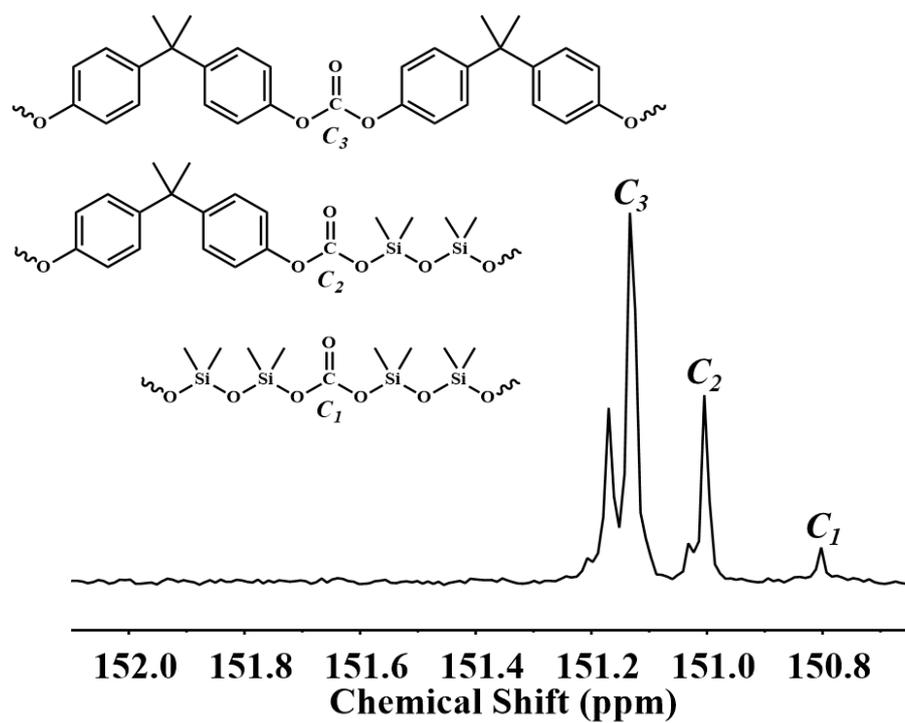
Supporting Information for

**Preparation of Bisphenol-A and Polydimethylsiloxane (PDMS) Block
Copolyarbonates by Melt Polycondensation: Effects of PDMS Chain
Length on Conversion and Miscibility**

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$$L_{\text{nBPA}} = \frac{C_2 + 2C_3}{C_2} \quad (1)$$

$$L_{\text{nPDMS}} = \frac{C_2 + 2C_1}{C_2} \quad (2)$$

$$B = \frac{1}{L_{\text{nBPA}}} + \frac{1}{L_{\text{nPDMS}}} \quad (3)$$

Figure S1. Typical ^{13}C -NMR spectrum (CDCl_3 , 150 MHz) of PC-PDMS copolymer and calculation of L_{nBPA} , L_{nPDMS} and B .¹

Reference

- 1 Yamadera, R.; Murano, M. The determination of randomness in copolyesters by high resolution nuclear magnetic resonance. *J. Polym. Sci., Part A: Polym. Chem.* **1967**, *5*, 2259-2268.