

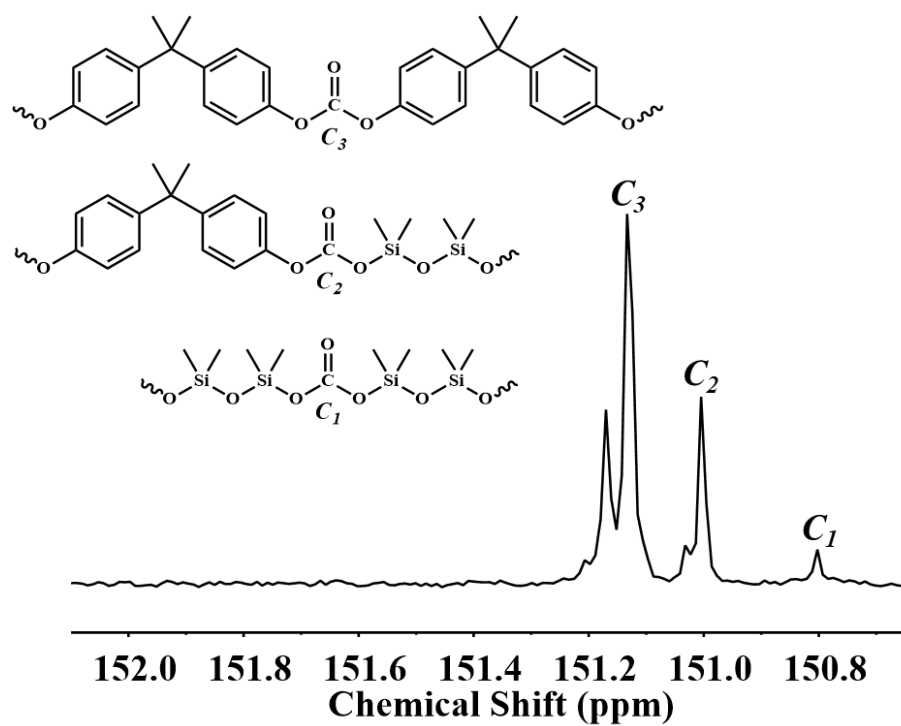
Supporting Information for

**Preparation of Bisphenol-A and Polydimethylsiloxane (PDMS) Block  
Copolycarbonates 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  $^{13}\text{C}$ -NMR spectrum ( $\text{CDCl}_3$ , 150 MHz) of PC-PDMS copolymer and calculation of  $L_{\text{nBPA}}$ ,  $L_{\text{nPDMS}}$  and  $B$ .<sup>1</sup>

## 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.