polymers

Supplementary Materials: Vertical Alignment of Liquid Crystal on Sustainable 2,4-Di-*tert*-butylphenoxymethyl-substituted Polystyrene Films

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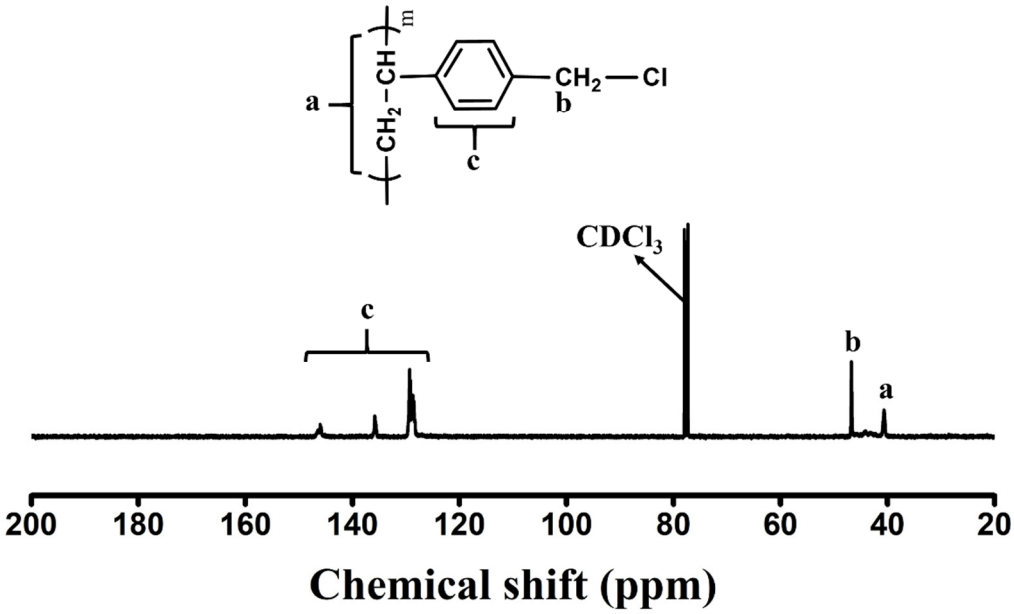

Figure S1. ^{13}C nuclear magnetic resonance (^{13}C NMR) spectrum of PCMS.

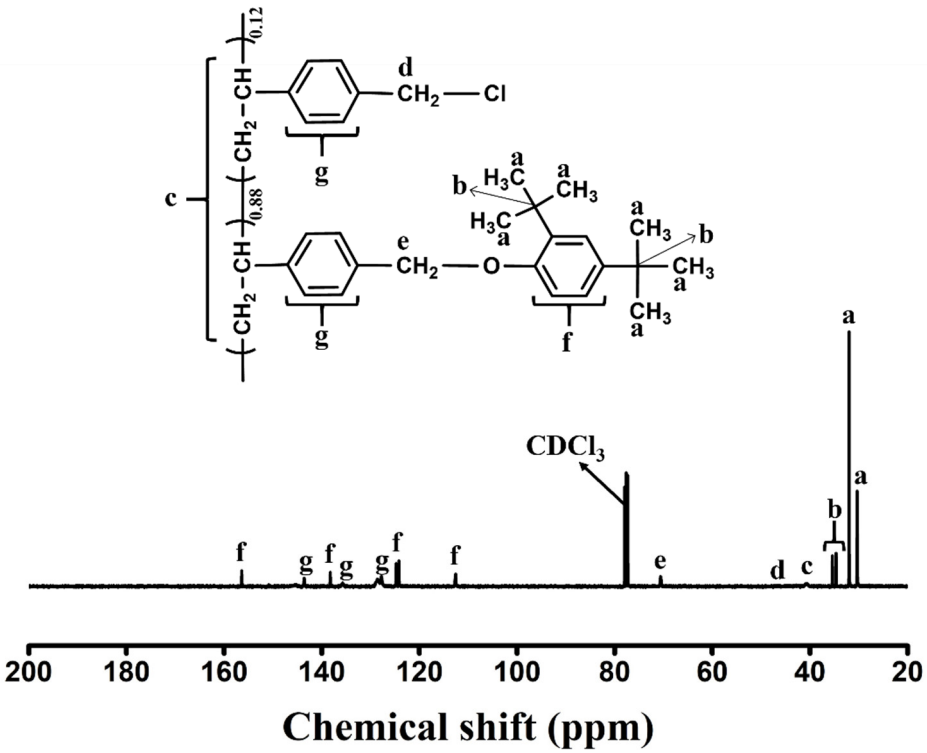

Figure S2. ^{13}C nuclear magnetic resonance (^{13}C NMR) spectrum of PD*t*BP88.

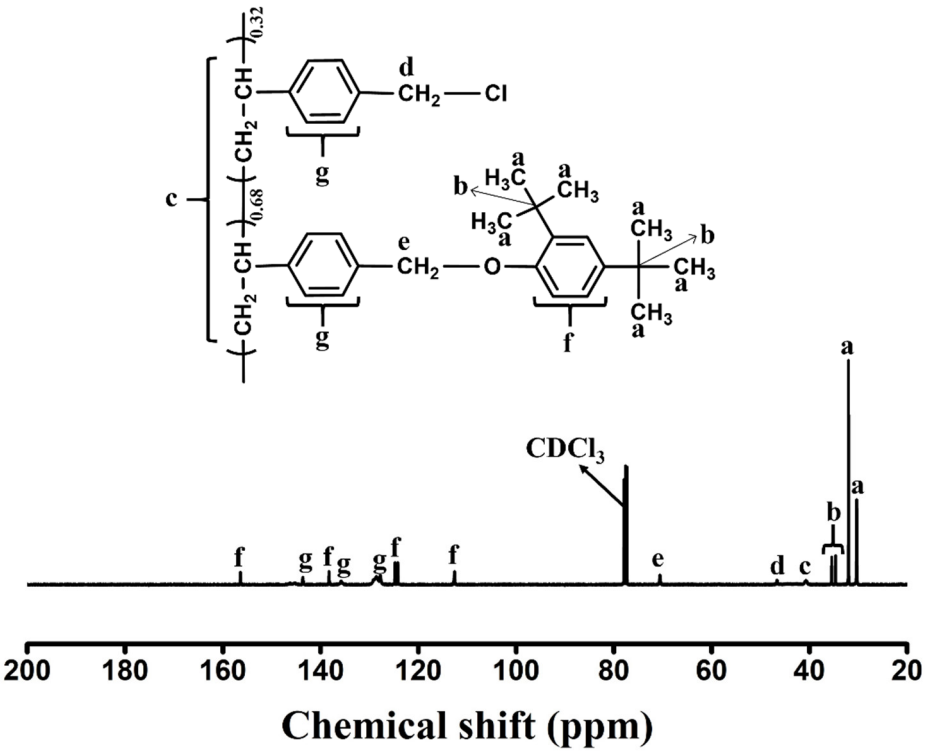

Figure S3. ^{13}C nuclear magnetic resonance (^{13}C NMR) spectrum of PD*t*BP68.

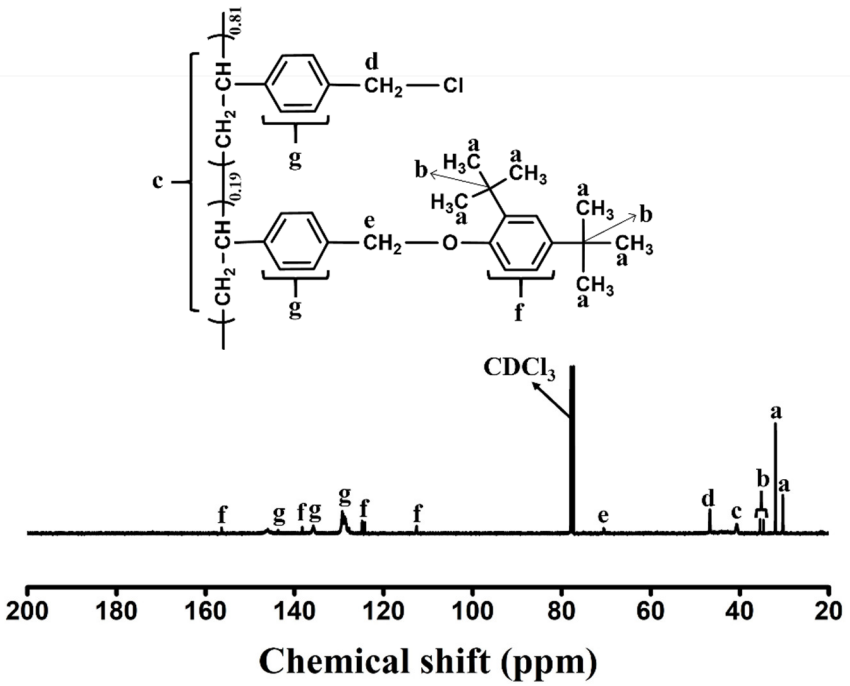

Figure S4. ^{13}C nuclear magnetic resonance (^{13}C NMR) spectrum of PD*t*BP19.

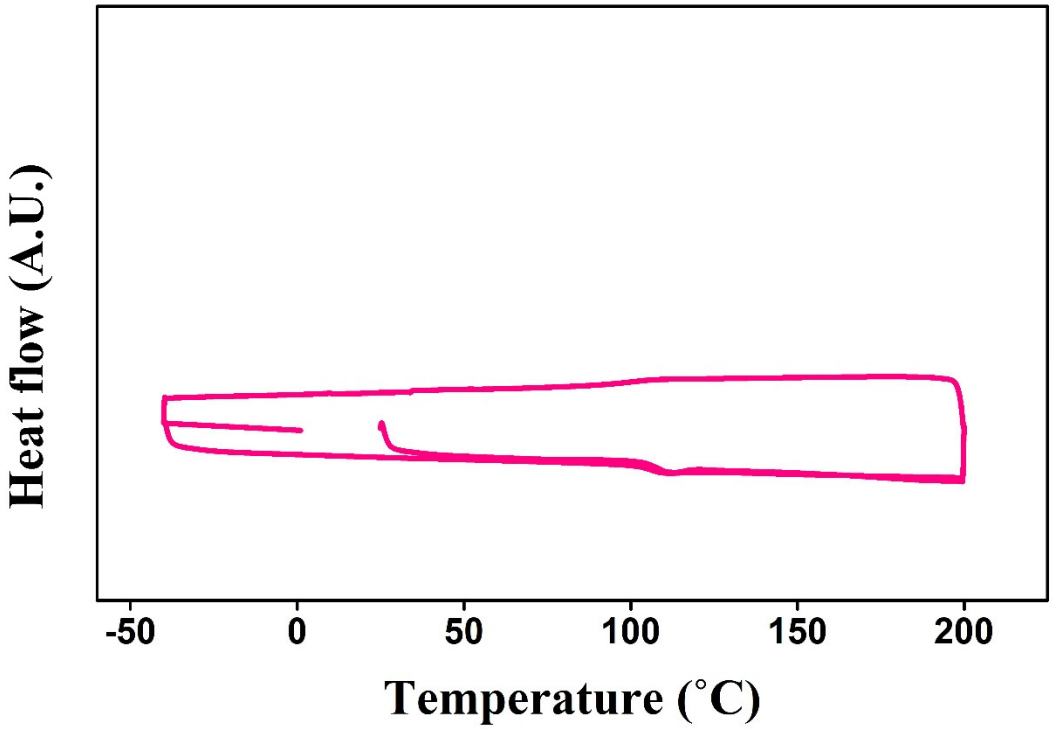

Figure S5. Differential scanning calorimetry (DSC) thermogram of PCMS during the full heating cycles.

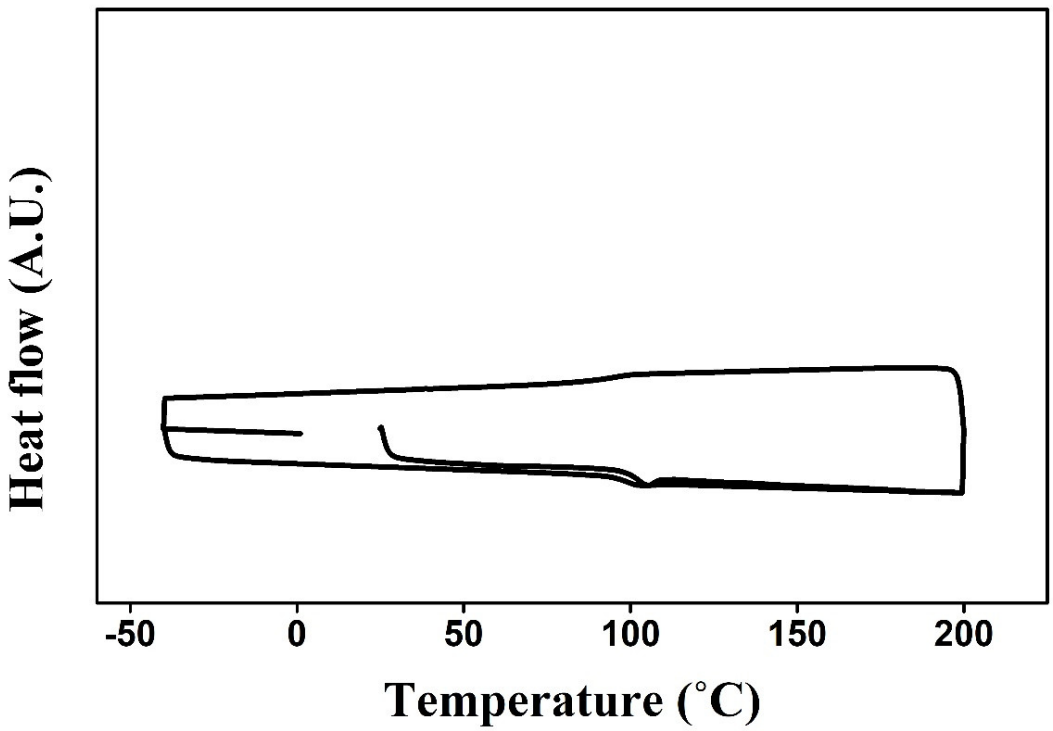

Figure S6. Differential scanning calorimetry (DSC) thermogram of PD*t*BP88 during the full heating cycles.

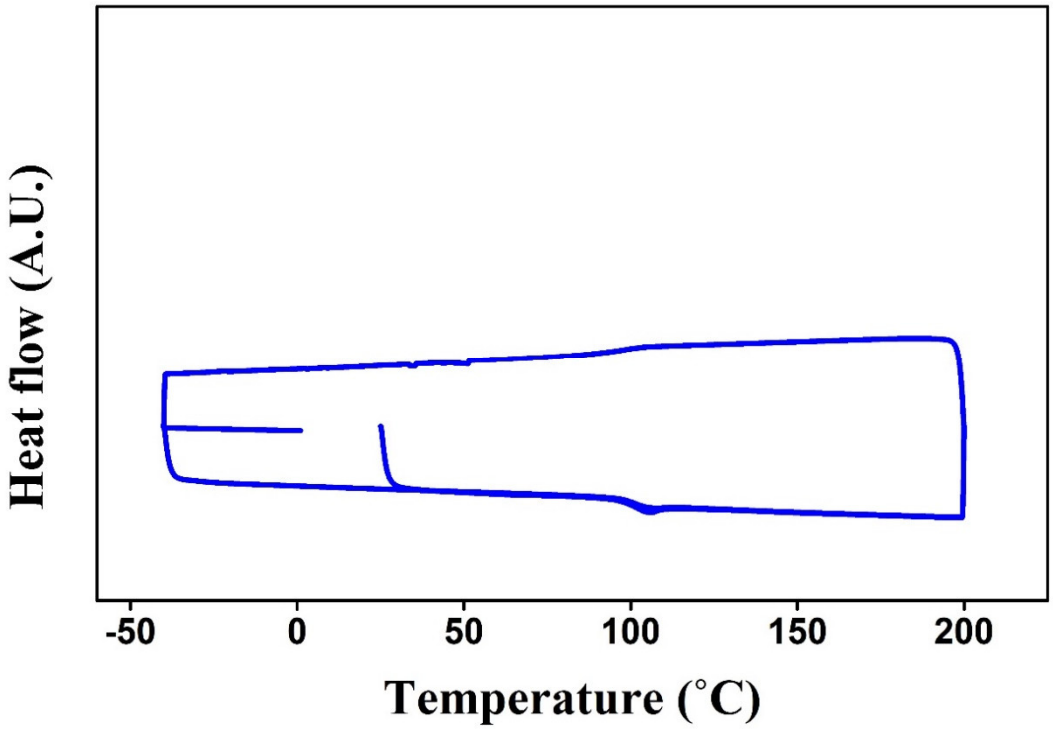

Figure S7. Differential scanning calorimetry (DSC) thermogram of PD*t*BP68 during the full heating cycles.

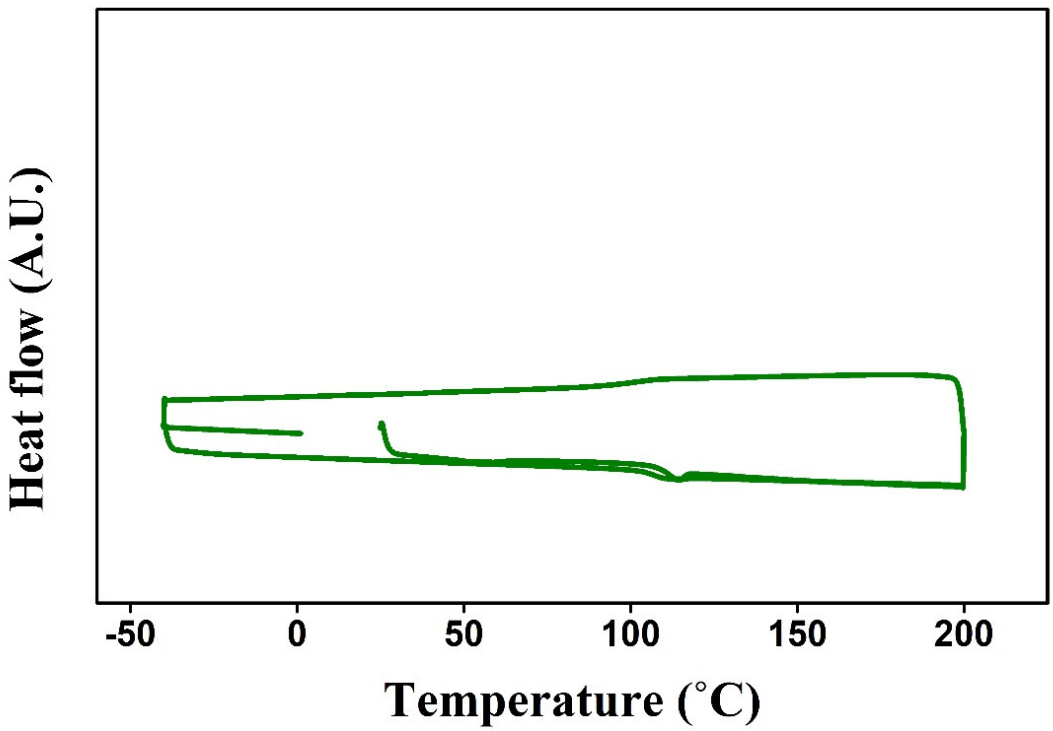

Figure S8. Differential scanning calorimetry (DSC) thermogram of PD*t*BP35 during the full heating cycles.

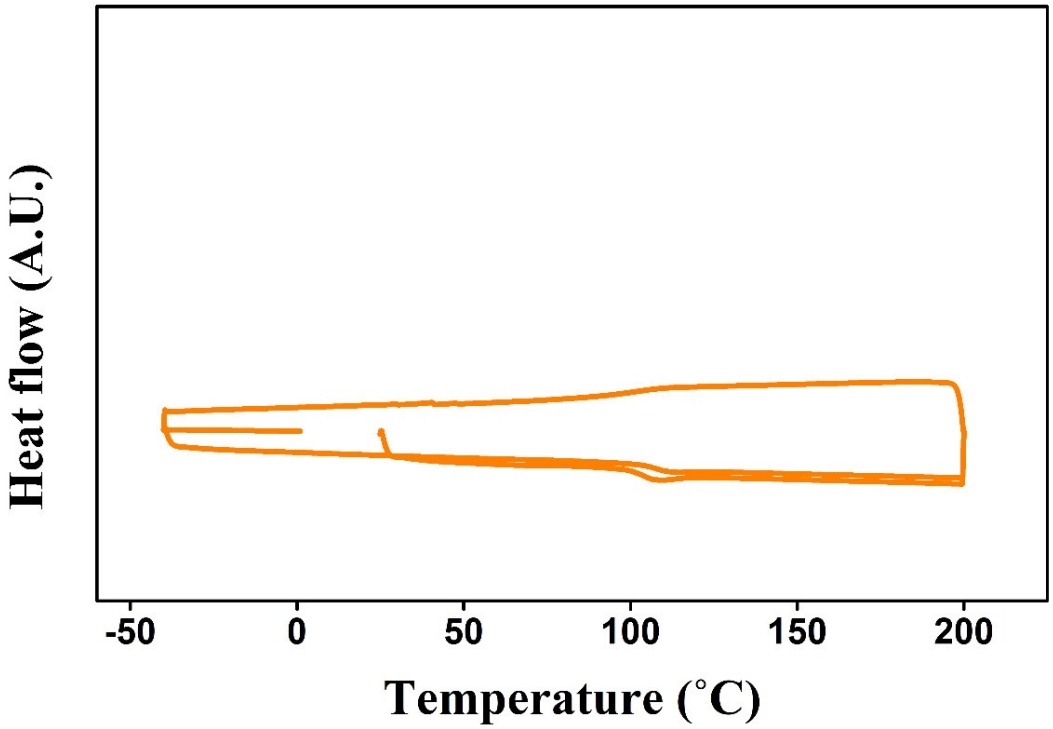

Figure S9. Differential scanning calorimetry (DSC) thermogram of PD*t*BP19 during the full heating cycles.