Electronic Supplementary Material (ESI) for CrystEngComm.

SUPPORTING INFORMATION

Retarding crystal transitions of polybutene-1 in blends

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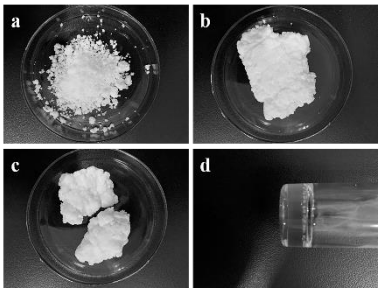

Figure S1. Photos of samples. (a) neat-PB; (b) PB-5.4 mol%; (c) PB-14.6 mol%; (d) PB-36.6 mol%.

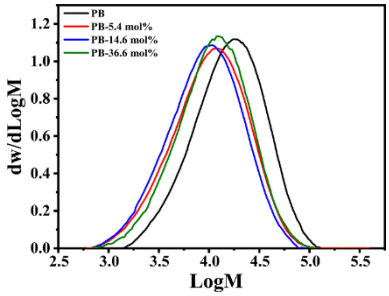

Figure S2. GPC curves of PB-TMAS copolymers.

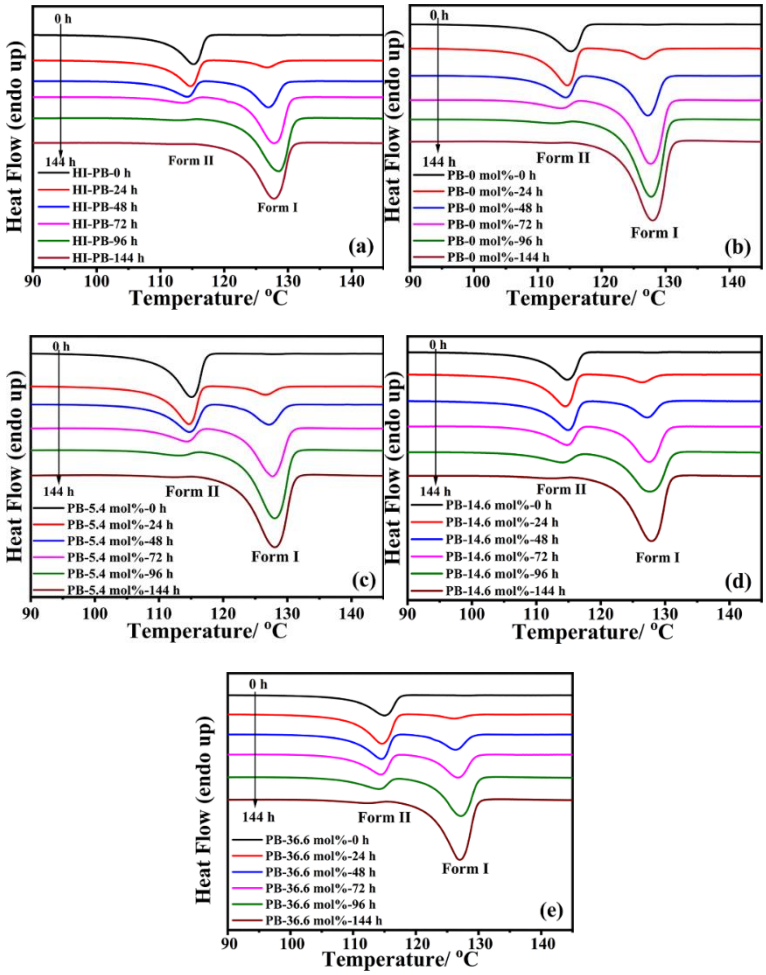

Figure S3. DSC curves of phase transition of HI-PB blending with PB-TMAS with different TMAS contents: (a) HI-PB; (b) PB-0 mol%; (c) PB-5.4 mol%; (d) PB-14.6 mol%; (e) PB-36.6 mol%.

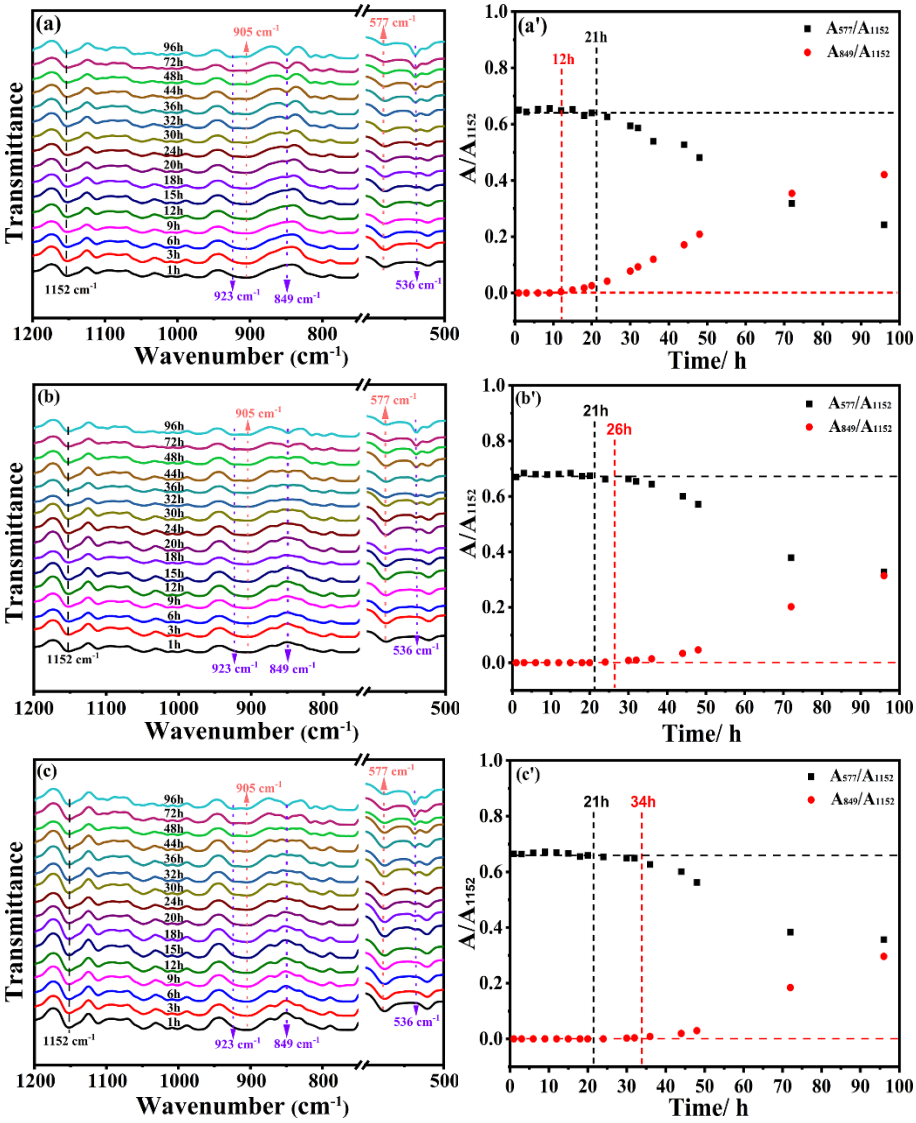

Figure S4. FT-IR and area ratios A/A_{1152} curves of phase transition of HI-PB blending with PB-TMAS with different TMAS contents: (a) HI-PB; (b) PB-14.6 mol%; (c) PB-36.6 mol%; (a') HI-PB; (b') PB-14.6 mol%; (c') PB-36.6 mol%.

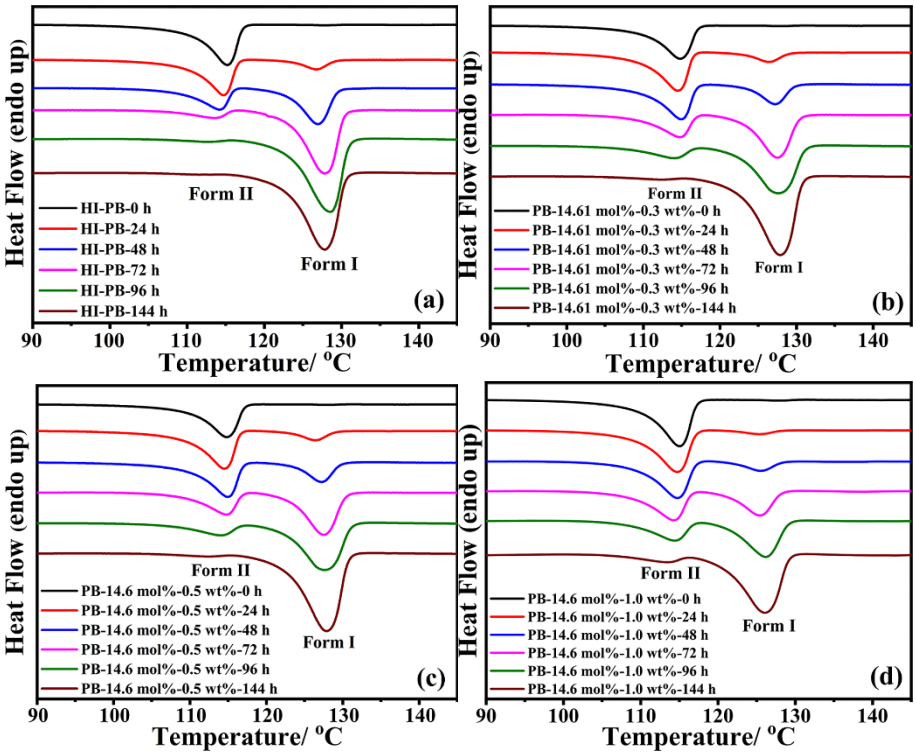

Figure S5. DSC curves of phase transition of HI-PB blending with different weight of PB-TMA contents: (a) HI-PB; (b) PB-14.6 mol%-0.3wt%; (c) PB-14.6 mol%-0.5wt%; (d) PB-14.6 mol%-1.0wt%.