Copolymers based on poly(1,4-butylene 2,5-furandicarboxylate) and Poly(Propylene Oxide) with Tuneable Thermal Properties: Synthesis and Characterization

1. Structural Characterization

1.1. NMR Results

Figure S1. $^{13}$C NMR spectra in CHCl$_3$-d of PBF-co-PPOF-90/10 copolymer.
Figure S2. 2D NMR spectrum in CHCl₃-d of PBF-co-PPOF-90/10 copolymer.

1.2. Thermal Behaviour

Figure S3. DSC curve of PBF homopolyester.
Figure S4. DSC curves (second scan) of all PBF-co-PPOF copolymers studied.

Figure S5. Tan δ of PBF and PBF-co-PPOF (co)polymers, at 1 Hz.
Figure S6. TGA (a) and DTGA (b) thermograms of PBF-co-PPOF copolymers and PBF homopolyester.