

Synthesis, structure and thermal properties of propylene oxide–carbon dioxide–L-lactide terpolymers

Zinaida N. Nysenko, Ernest E. Said-Galiev, Mikhail I. Buzin, Yakov E. Belevtsev,
Mikhail M. Il'in, Galina G. Nikiforova and Alexey M. Sakharov

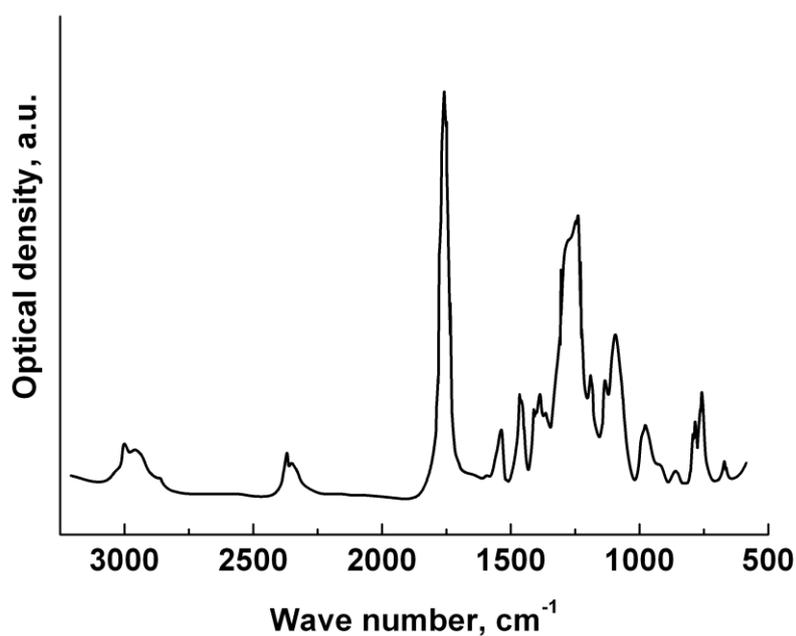


Figure S1 FT-IR spectrum of reaction mixture before PPCLA is isolated.

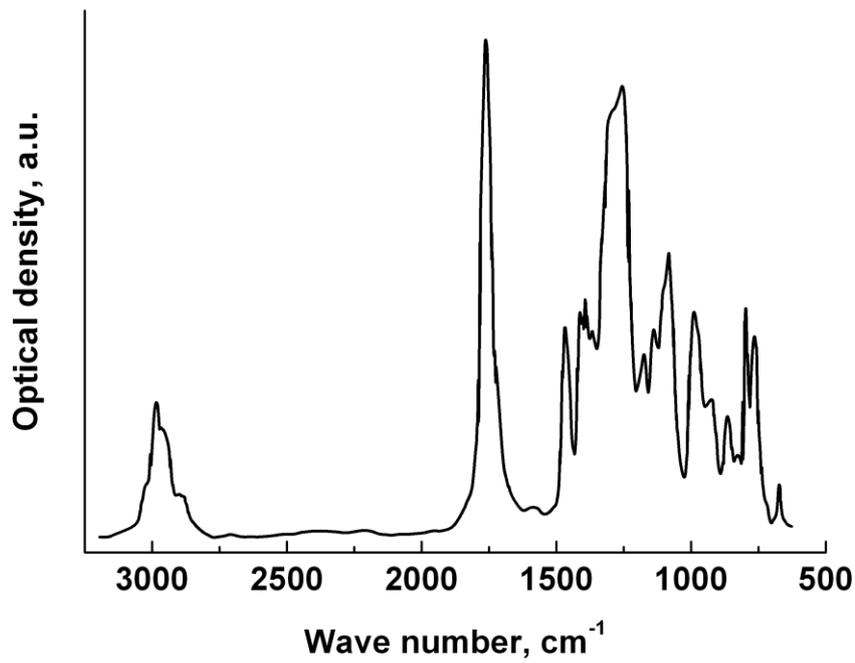


Figure S2 FT-IR spectrum of PPC.

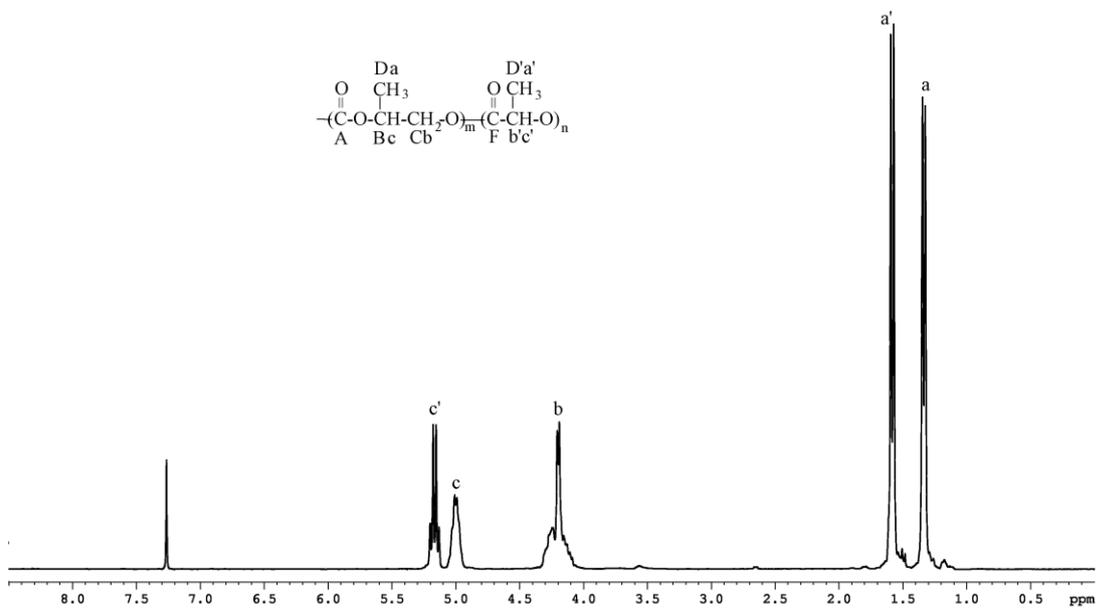


Figure S3 ^1H NMR spectrum of PPCLA3.

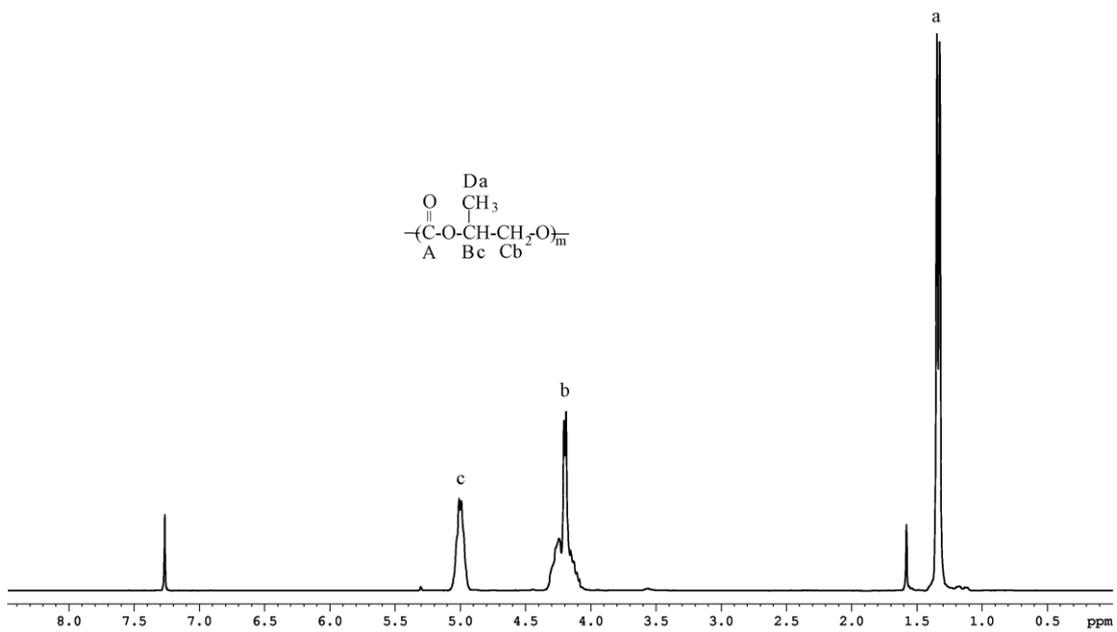


Figure S4 ^1H NMR spectrum of PPC.

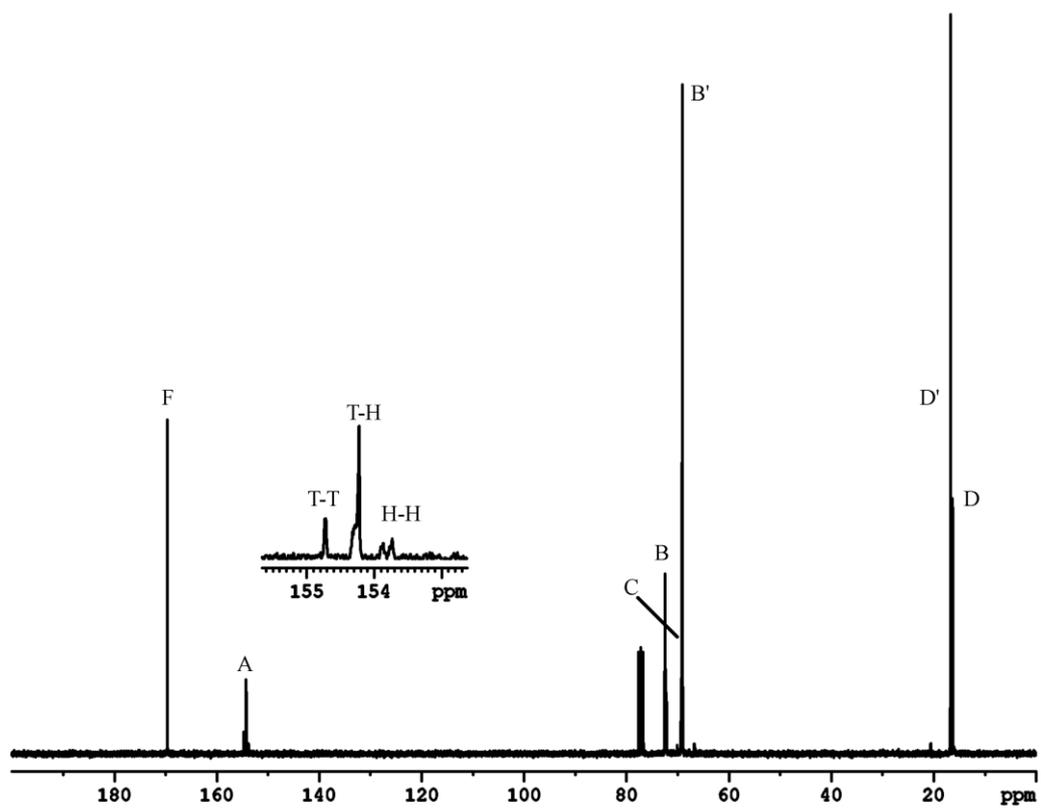


Figure S5 ^{13}C NMR spectrum of PPCLA3.

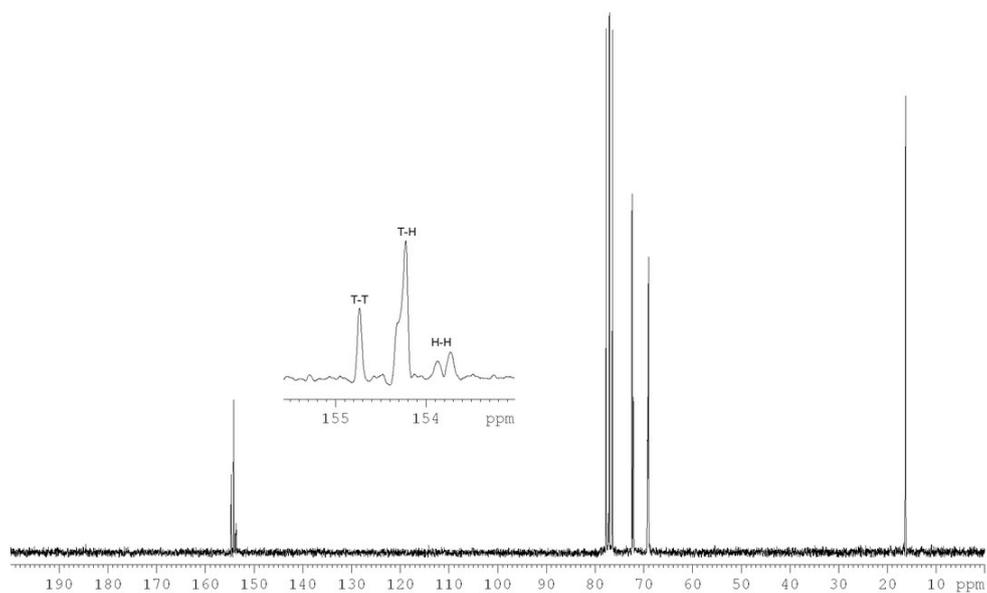


Figure S6 ^{13}C NMR spectrum of PPC.

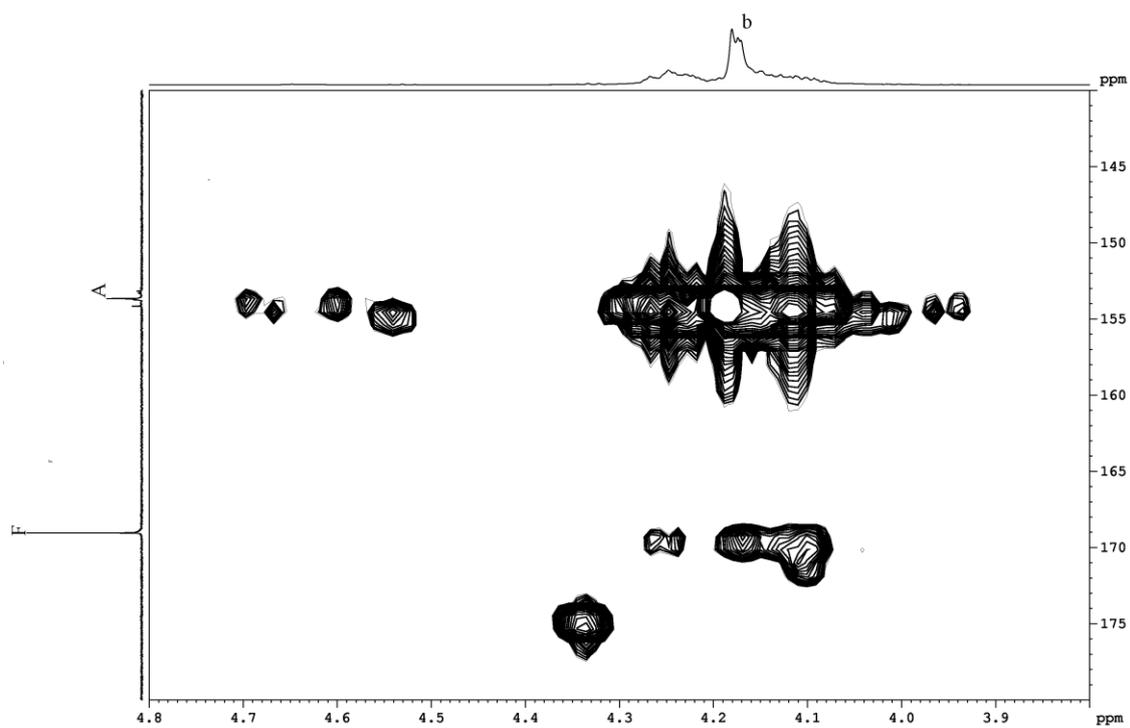


Figure S7 2D $\{^1\text{H}-^{13}\text{C}\}$ HMBC NMR spectrum of PPCLA3.

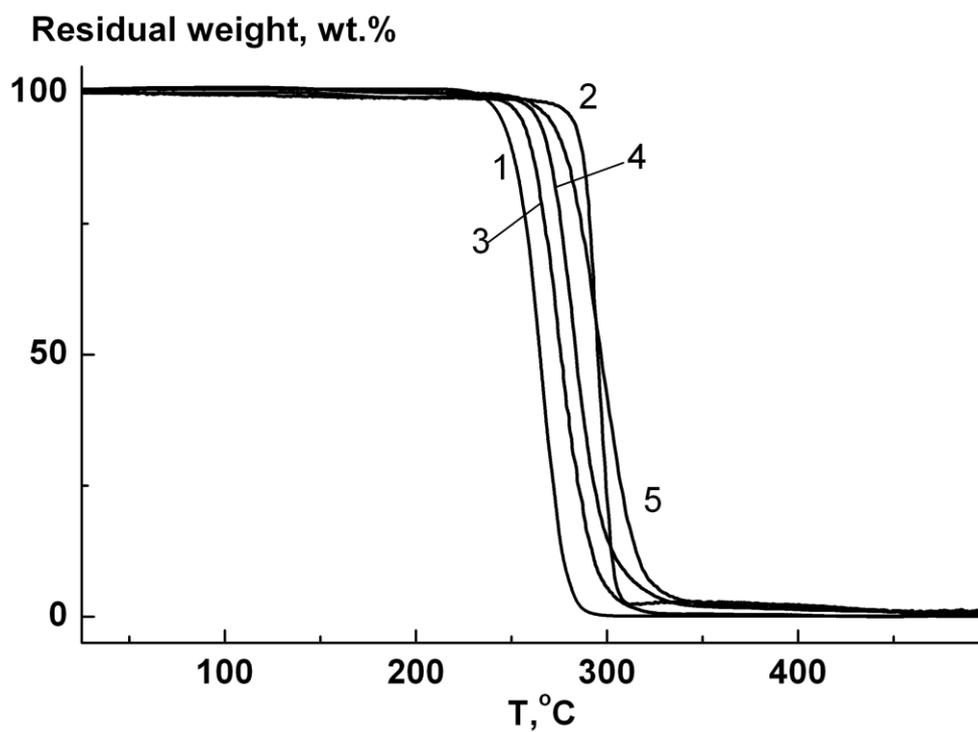


Figure S8 TGA curves for PPC (1), poly(L-lactic acid) (2) and terpolymers: PPCLA1 (3), PPCLA2 (4), PPCLA3 (5) at a heating rate 10 °C/min.