

## Supplementary Information

# Biobased copolyesters from renewable resources: synthesis and crystallization kinetics of poly(propylene sebacate-co-isosorbide sebacate)

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### Figure Captions

**Fig.S1** DSC thermograms of isothermal crystallization at different temperatures: (a) P(PSe-co-11.7mol% IS), (b) P(PSe-co-19.1mol% IS)

**Fig. S2** Relative degree of crystallinity with time for isothermal crystallization at different temperatures: (a) P(PSe-co-11.7mol% IS), (b) P(PSe-co-19.1mol% IS)

**Fig. S3** Avrami plots of  $\ln[-\ln(1-X_t)]$  versus  $\ln t$  for isothermal crystallization: (a) P(PSe-co-11.7mol% IS), (b) P(PSe-co-19.1mol% IS)

**Fig. S4** DSC heating scans recorded at  $5\text{ }^\circ\text{C min}^{-1}$  of (a) P(PSe-co-11.7mol% IS) and (b) P(PSe-co-19.1mol% IS) after isothermal crystallization at indicated temperatures

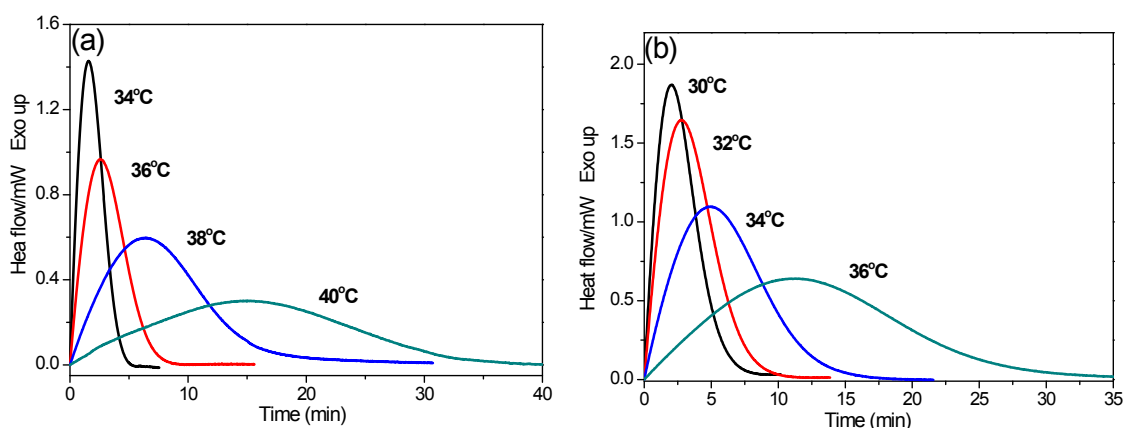


Fig. S1 DSC thermograms of isothermal crystallization at different temperatures: (a) P(PSe-co-11.7mol% IS), (b) P(PSe-co-19.1mol% IS)

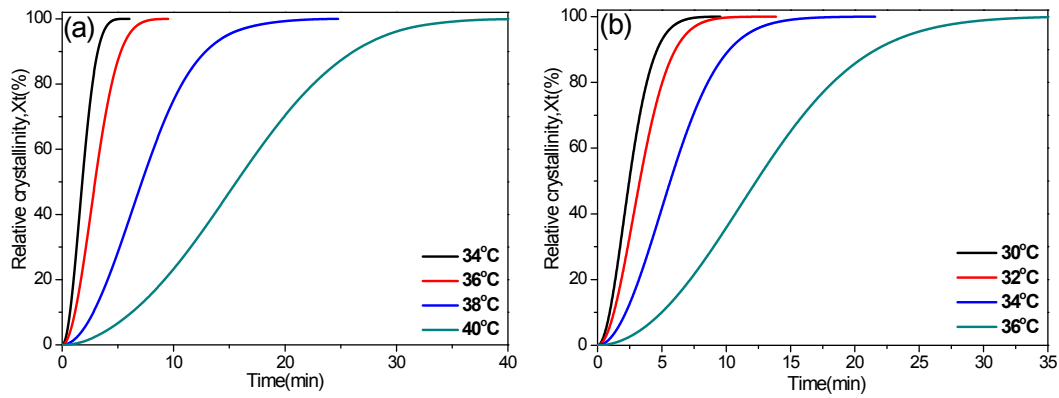


Fig. S2 Relative degree of crystallinity with time for isothermal crystallization at different temperatures: (a) P(PSe-co-11.7mol% IS), (b) P(PSe-co-19.1mol% IS)

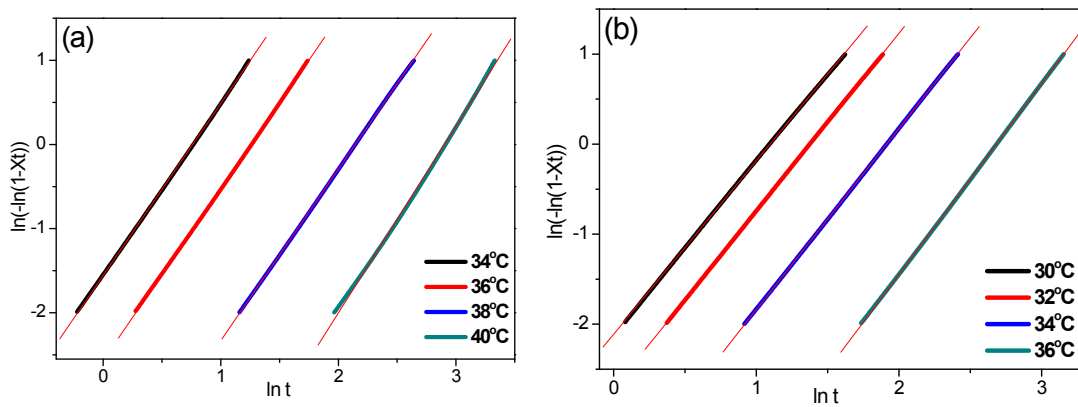


Fig. S3 Avrami plots of  $\ln[-\ln(1-X_t)]$  versus  $\ln t$  for isothermal crystallization: (a) P(PSe-co-11.7mol% IS), (b) P(PSe-co-19.1mol% IS)

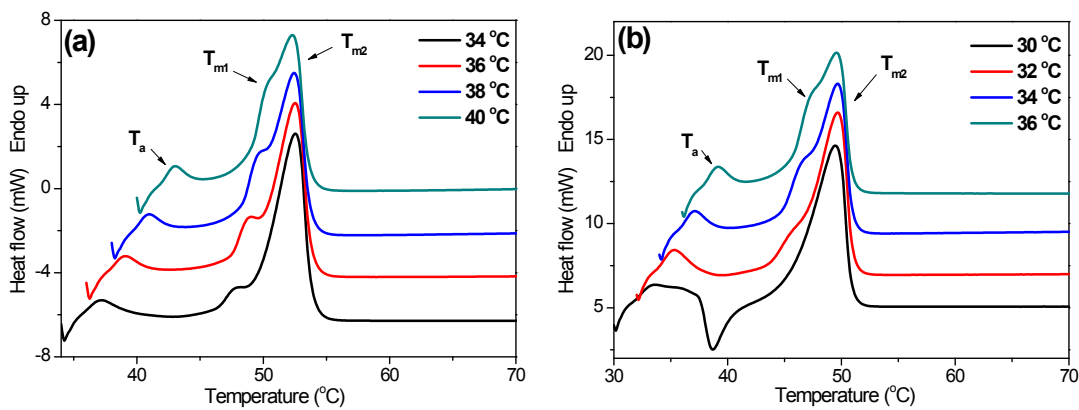


Fig. S4 DSC heating scans recorded at  $5\text{ °C min}^{-1}$  of (a) P(PSe-co-11.7mol% IS) and (b) P(PSe-co-19.1mol% IS) after isothermal crystallization at indicated temperatures