**Supporting Information**

Impact of Processing Methods on Mechanical Properties of Neat PLA and PLA Blends with PCL and PEO: Electrospinning vs Solvent Casting

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**Figure S1.** SEM images of the (a) electrospun and (b) solvent-cast films of a PLA/PCL blend (1:2). The inset in (a) shows the fiber diameter distribution.



**Figure S2.** SEM images of the (a) electrospun and (b) solvent-cast PCL films. The inset in (a) displays the fiber diameter distribution.



**Figure S3.** ATR-FTIR spectra of the electrospun and solvent-cast PCL films.

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**Figure S4.** ATR-FTIR spectra of the solvent-cast films of PLA, PCL, and PEO.

**Figure S5.** XRD patterns of the electrospun and solvent-cast PCL films.

**Figure S6.** XRD patterns of the electrospun and solvent-cast films of a PLA/PCL blend (1:2).



**Figure S7.** DSC thermograms of the electrospun and solvent-cast PCL films.



**Figure S8.** AFM image of a single electrospun PCL fiber. The red square highlights the region that is magnified in the adjacent image to the right.



**Figure S9.** SEM images of the (a) electrospun and (b) solvent-cast films of a PLA/PEO blend (1:2). The inset in (a) shows the fiber diameter distribution.

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**Figure S10.** XRD pattern of the solvent-cast PEO films.



**Figure S11.** XRD patterns of the electrospun and solvent-cast films of a PLA/PEO blend (1:2).



**Figure S12.** DSC thermogram of the solvent-cast PEO films.