Supplementary Information

Biocompatible, Degradable Thermoplastic Polyurethane Based on Polycaprolactone-Block-Polytetrahydrofuran-Block-Polycaprolactone Copolymer for Soft Tissue Engineering

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Fig. S1 DSC test results of PCL-diol and PCTC-diol: (a) second heating scan; (b) cooling scan.

Fig. S2 XRD patterns of CL-PU(BD), CTC-PU(BD), and CTC-PU(BET).
Fig. S3 DTG Gaussian fitting results of CL-PU(BD), CTC-PU(BD), and CTC-PU(BET).

Fig. S4 Morphology of electrospun CL-PU(BD), CTC-PU(BD), and CTC-PU(BET) random fibers after incubating in PBS for 24 h at 37 °C.
**Fig. S5** Fluorescence images of live/dead stained cells cultured on CL-PU(BD), CTC-PU(BD), and CTC-PU(BET) random and aligned scaffolds for (a) 5 days and (b) 10 days. Green spots represent live cells and red spots indicate dead cells. Scale bar = 100 μm.

**Fig. S6** Water contact angle measurement results of CL-PU(BD), CTC-PU(BD), and CTC-PU(BET) films.