

Supplementary Material

Facile Fabrication of Absorption-Dominated Biodegradable Poly(Lactic Acid)/Polycaprolactone/Multi-walled Carbon Nanotube Foams towards Electromagnetic Interference Shielding⁸

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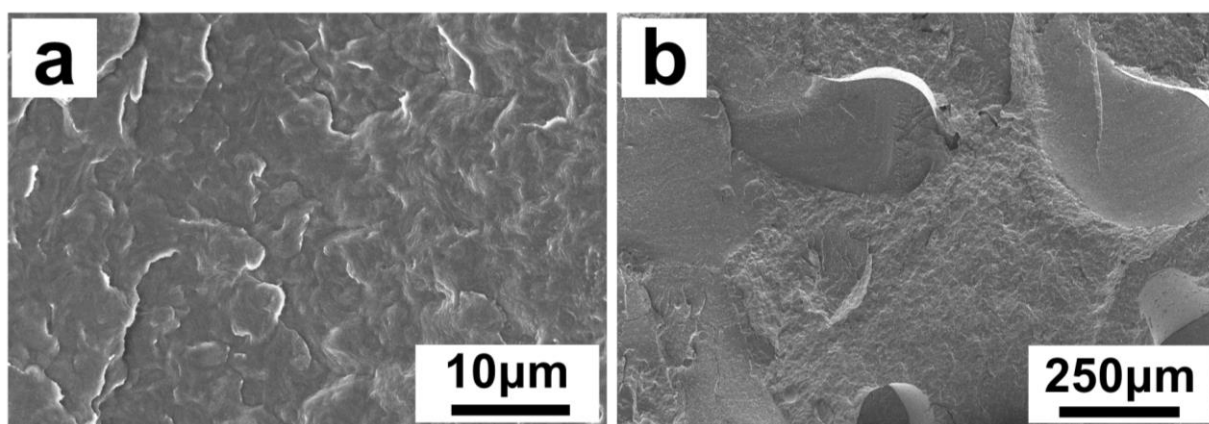


Figure S1. SEM images of cryo-fractured surfaces of neat PCL (a) and PCL/PLA blend (b).

Table S1. Electrical conductivity of PCL/xC and PCL/PLA/xC composites.

Sample	Conductivity (S/m)
PCL	5.10×10^{-11}
PCL/1CNT	4.12
PCL/3CNT	87.65
PCL/5CNT	97.82
PCL/7CNT	142.10
PCL/PLA	3.04×10^{-12}
PCL/PLA/1CNT	11.32
PCL/PLA/3CNT	95.52
PCL/PLA/5CNT	123.63
PCL/PLA/7CNT	179.49

Table S2. Compressive properties of various f-PCL/PLA/xC samples.

Sample	Compressive yield strength (MPa)	Compressive modulus (MPa)
f-PCL/PLA/1CNT	0.39±0.03	5.22±0.37
f-PCL/PLA/3CNT	0.39±0.05	8.21±0.65
f-PCL/PLA/5CNT	0.61±0.08	14.53±1.36
f-PCL/PLA/7CNT	0.69±0.06	17.04±1.27