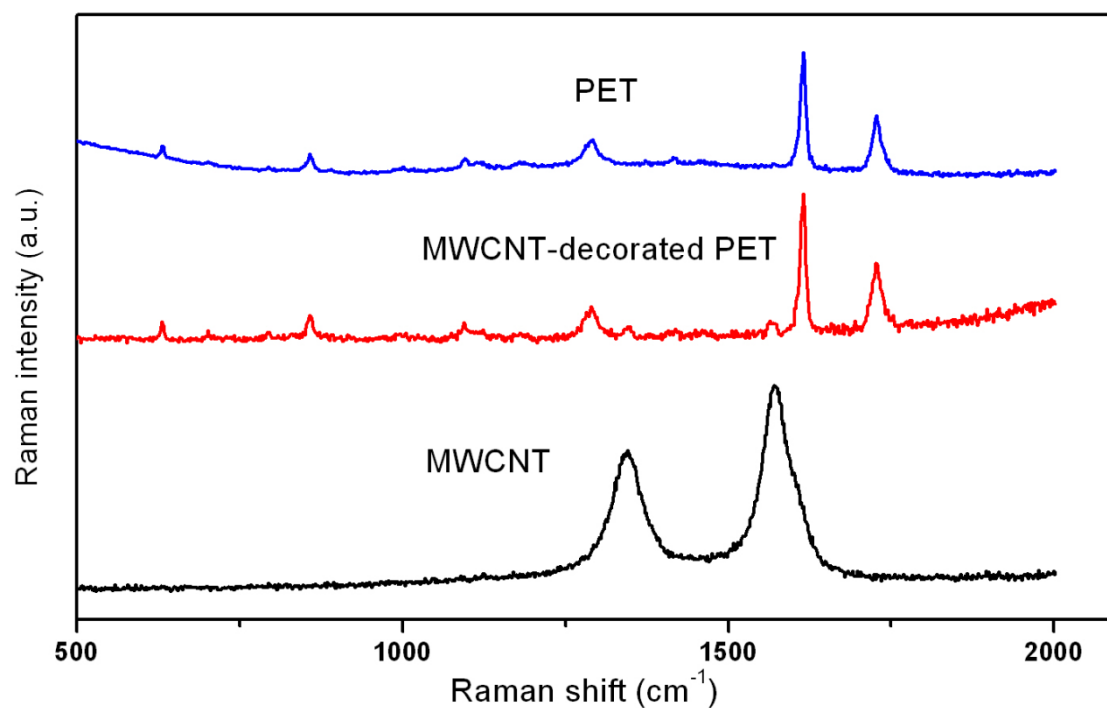


Supplemental Materials

Raman Spectroscopy

The Raman spectra were collected on a Renishaw Invia Raman spectrometer. The excitation source at 514.5 nm was generated using the 514.5 nm diode laser with maximum power of 500 mW. MWCNTs have distinct Raman resonances, namely D and G modes observed at 1330 and 1580 cm^{-1} , respectively. The D and G bands were present in MWCNT-decorated PET scaffolds but absent in the PET (control), confirming the deposition of MWCNTs on the PET surface.



Raman spectrometry for MWCNTs, MWCNT-decorated and non-decorated PET matrices.