Supplementary material

Figure S1: The deformation process of the non-sticky and deformation controllable PDMS vacuum bag.

Figure S2: (a) The None-iso thermal DSC test on the baseline, 0.3 wt% CNT and 0.3 wt% CNT incorporated resin. (b) The viscosity-time profile of baseline, 0.3 wt% CNT and 0.3 wt% CNT incorporated resin obtained when subject to compressive molder heating under 120°C.
Figure S3: Experimental setup of the composites DC conductivity test on (a) through-thickness direction and in-plane direction and the of the corresponding specimens in (b) and (c) respectively.