

## Supplementary Information

### A Simple Two-Step Process for Producing Strong and Aligned Carbon Nanotube-Polymer Composites

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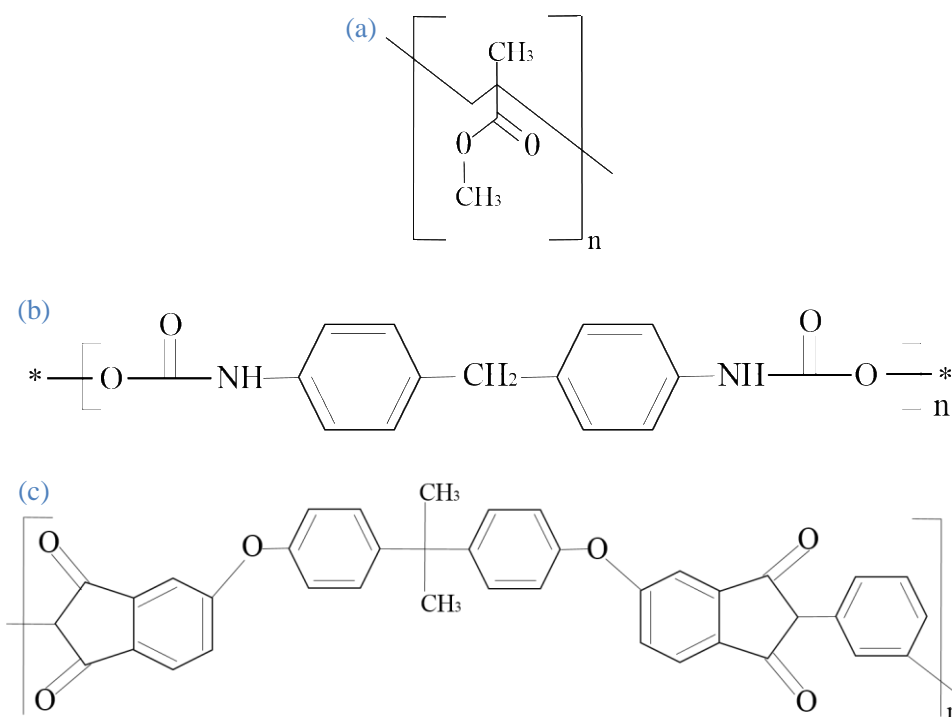
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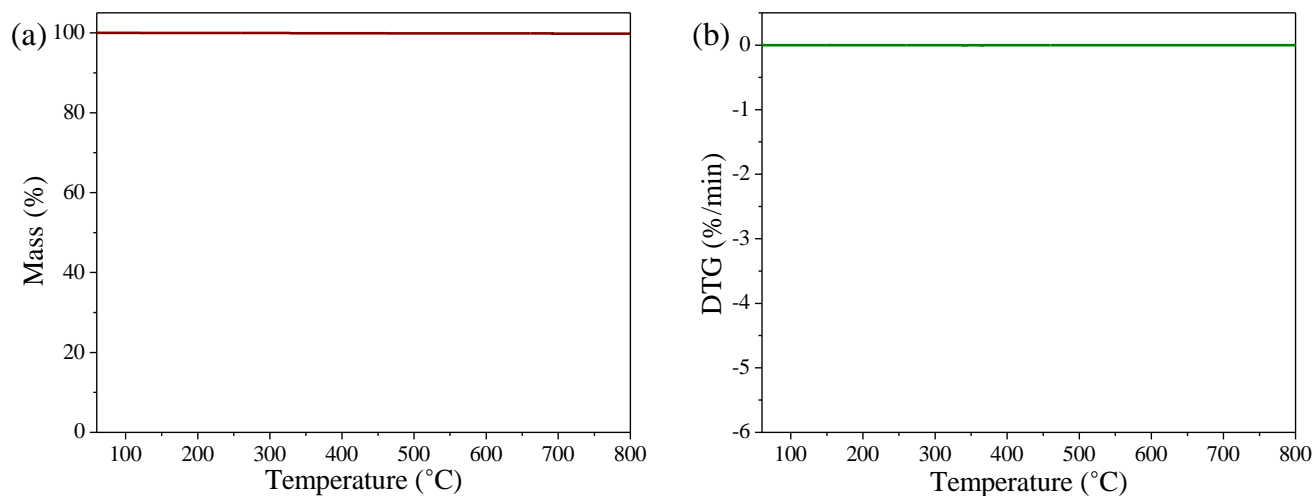


**Figure 1.** Typical chemical structure of: (a) PMMA; (b) TPU and (c) Ultem™ 1000 thermoplastic polymers.



**Table 1.** Relevant physical properties of different polymers used for fabricating CNT-polymer composites.

Polymer	Supplier	Tensile strength (MPa)	Tensile Modulus (MPa)	Melting point (°C)	Glass Transition (°C)
TPU	Ninjatek	26	12	216	-35
Ultem 1000	Sabic	110	3580	204-232	217
PMMA	Alfa Aesar	47-79	2200-3800	150	100-105

**Figure S2.** (a) TGA and (b) DTG plots of CNT sheet densified with NMP and dried in a vacuum oven. Little or no thermal degradation was observed within the temperature range considered in this paper.