

Supplementary Materials

Enhanced Fatigue and Durability Properties of Natural Rubber Composites Reinforced with Carbon Nanotubes and Graphene Oxide

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Table S1. Fatigue lives of NR composites under different strains.

Strain (%)	NR	CNT/NR	GO/NR	CNT-GO/NR
100	49835 ± 1336	68314 ± 1235	85324 ± 3313	89146 ± 2256
150	3018 ± 932	37489 ± 1098	40315 ± 1341	43092 ± 2301
200	9379 ± 857	14772 ± 1853	14822 ± 1072	17113 ± 1892
250	193 ± 53	606 ± 179	1739 ± 281	2083 ± 201
300	84 ± 41	198 ± 65	475 ± 67	582 ± 83

Table S2. Crack propagation rate of NR composites under different tearing energies.

T (J/m ²)	NR	CNT/NR	GO/NR	CNT-GO/NR
300	14.74 ± 1.11	8.28 ± 0.98	6.11 ± 0.63	5.84 ± 0.65
500	16.17 ± 1.26	10.75 ± 1.02	6.98 ± 0.88	6.85 ± 0.76
1000	19.76 ± 1.58	13.22 ± 1.31	12.55 ± 1.27	8.39 ± 0.92
1500	45.13 ± 2.13	16.78 ± 1.55	15.91 ± 1.46	12.9 ± 1.04
1800	86.52 ± 3.32	68.71 ± 2.01	47.53 ± 2.22	33.04 ± 2.11

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