Supplementary Material

Mechanical Enhancements of Electrospun Silica Microfibers with Boron Nitride Nanotubes

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Supplementary Material Captions:

1. Supplementary Fig. S1
2. Supplementary Fig. S2

1. Supplementary Fig. S1

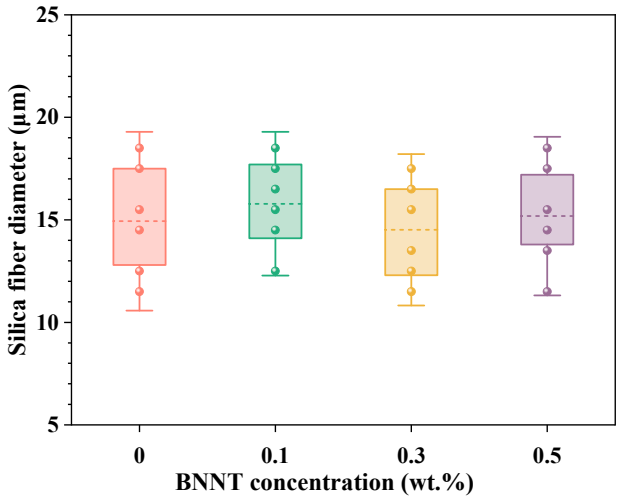


Figure S1. The diameter distribution profile of the tested BNNT–silica microfibers.

2. Supplementary Fig. S2

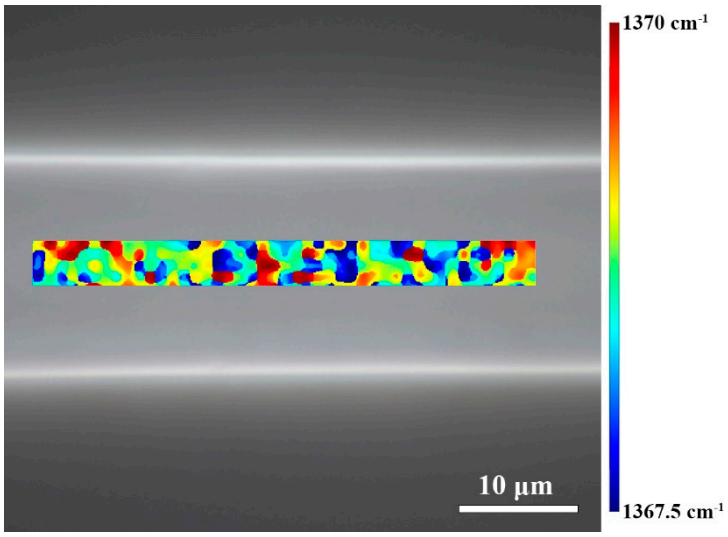


Figure S2. Raman surface mapping of the BNNT G-band peak frequency for a 0.5 wt.% BNNT–silica microfiber, overlaid on the corresponding optical image. The mapped area is 3.6 × 42 µm², with a step size equal to the laser spot diameter (1.2 µm). The characteristic BNNT G-band is consistently observed at each Raman measurement location, with the peak frequency indicated by the color scale. These data support a uniform dispersion of BNNTs throughout the silica matrix.