

## Supporting Information

### **Quantitative Characterization of Structural and Mechanical Properties of Boron Nitride Nanotubes in High Temperature Environments**

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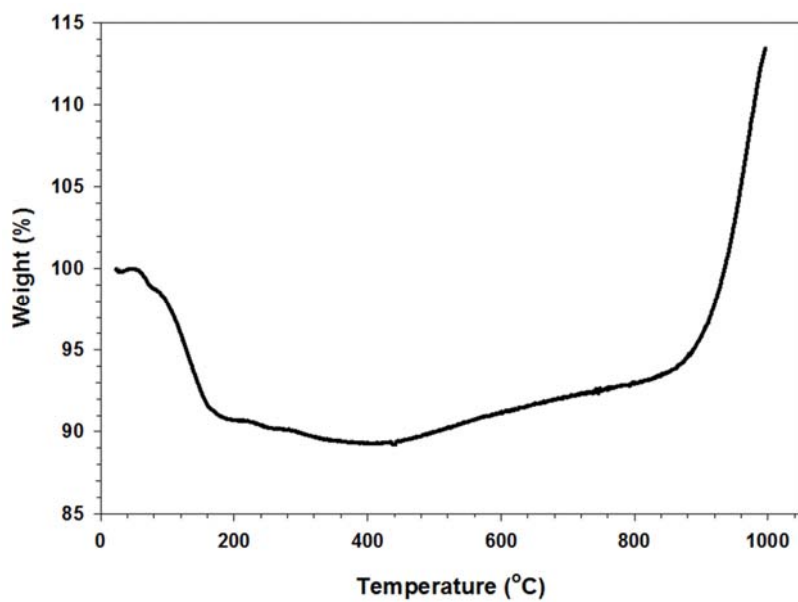
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**Figure S1:** The dependence of the weight change of a BNNT sample on temperature during heating in TGA at a rate of 5 °C/min in air. The increase segment from about 440°C to about 850°C is attributed to the oxidation of the residual boron in as-synthesized BNNTs. The increase segment from about 850°C to 1000°C is an indication of the oxidation of BNNTs.