

Supporting Information:

**Polyoxyalkylenediamine-Functionalized Carbon Nanotubes/
Perfluorosulfonated Polymer Composites: Synthesis, Water State and
Conductivity**

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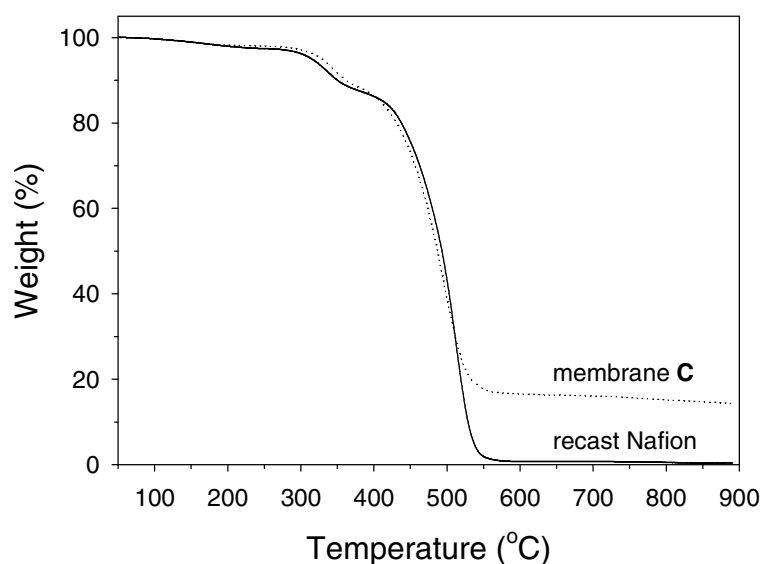


Figure S1. TG analysis of the the recast Nafion and membrane **C** performed on a thermogravimetric analyzer (Perkin-Elmer TGA 7) over a temperature range of 50~900°C at a heating rate of 20 °C/min in N₂.

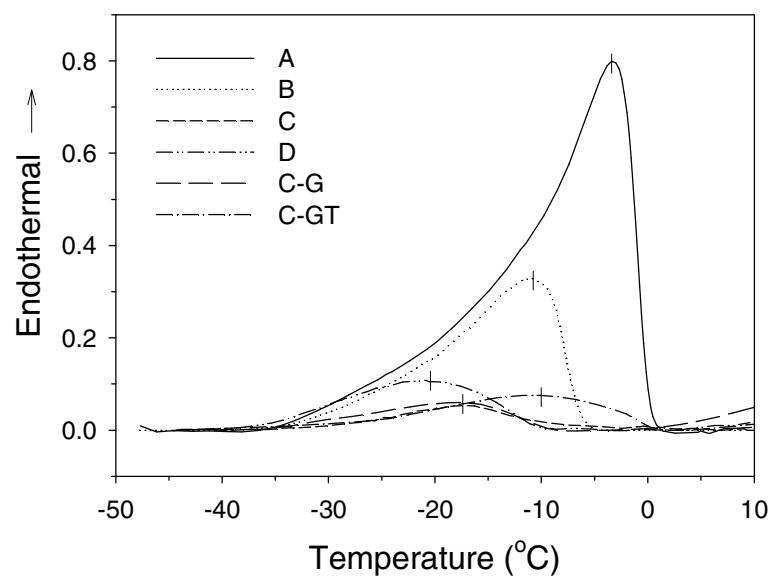


Figure S2. DSC thermograms indicating the melting of water in the fully hydrated CNT-EO/Nafion composite membranes.