

Supporting information

Chemically bonded super capacitor using highly stretchable and adhesive gel polymer electrolytes based on ionic liquid and epoxy - triblock diamine network

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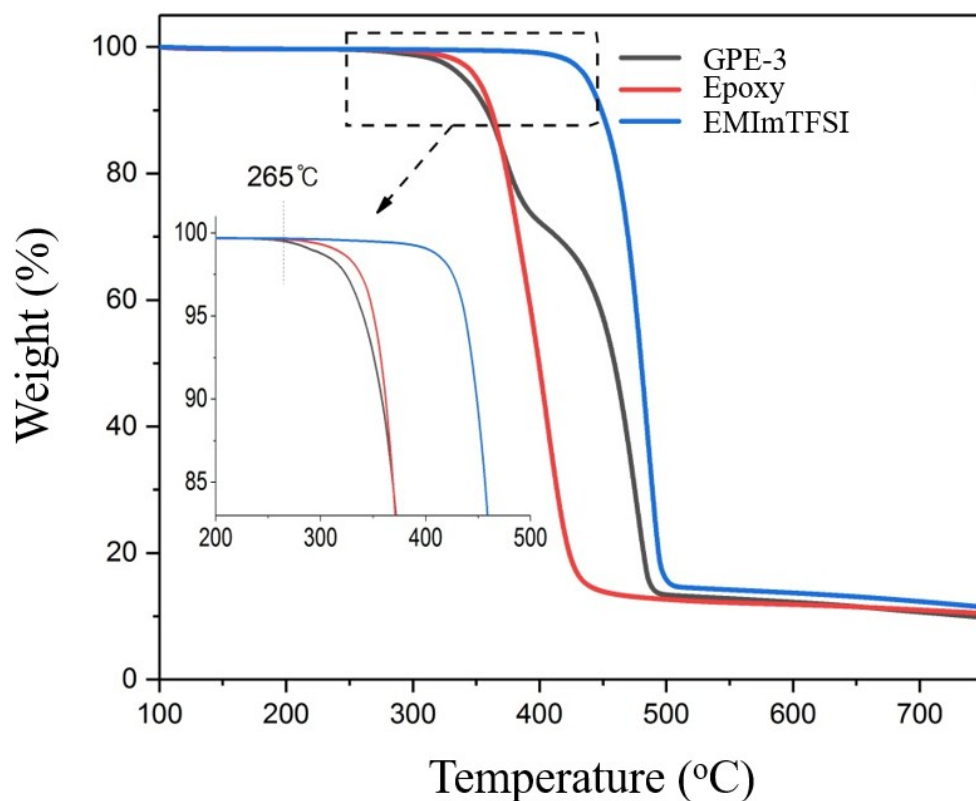


Fig. S1. TGA curve of EMImTFSI, epoxy and GPE-3.

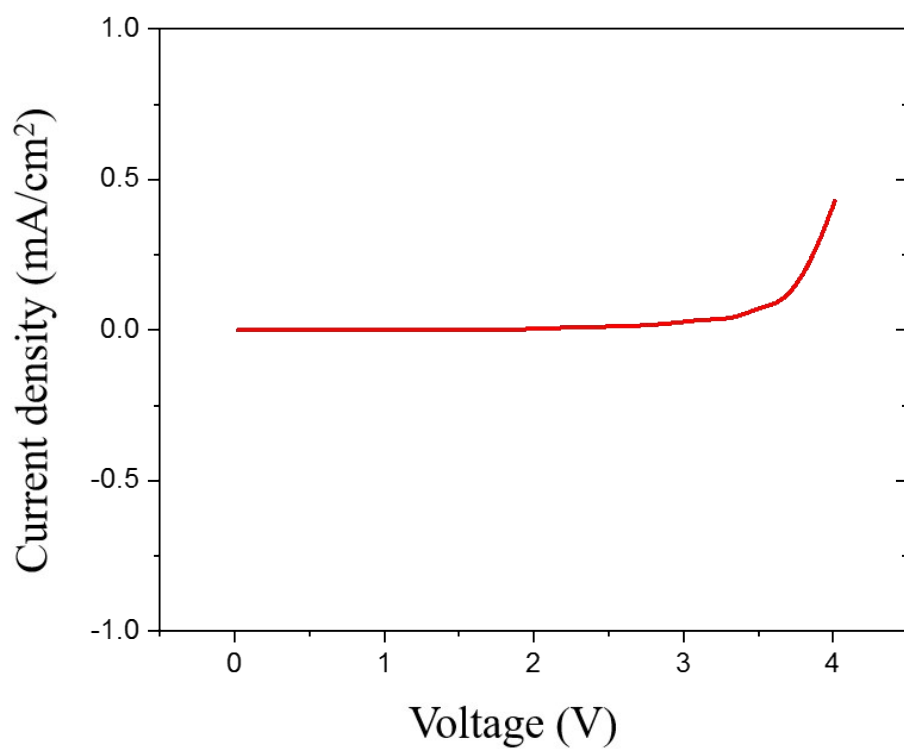


Fig. S2. Linear-sweep voltammogram (LSV) of the GPE-3 in Swagelok cell. The measurement was performed at a scan rate of 1 mV/s at room temperature.

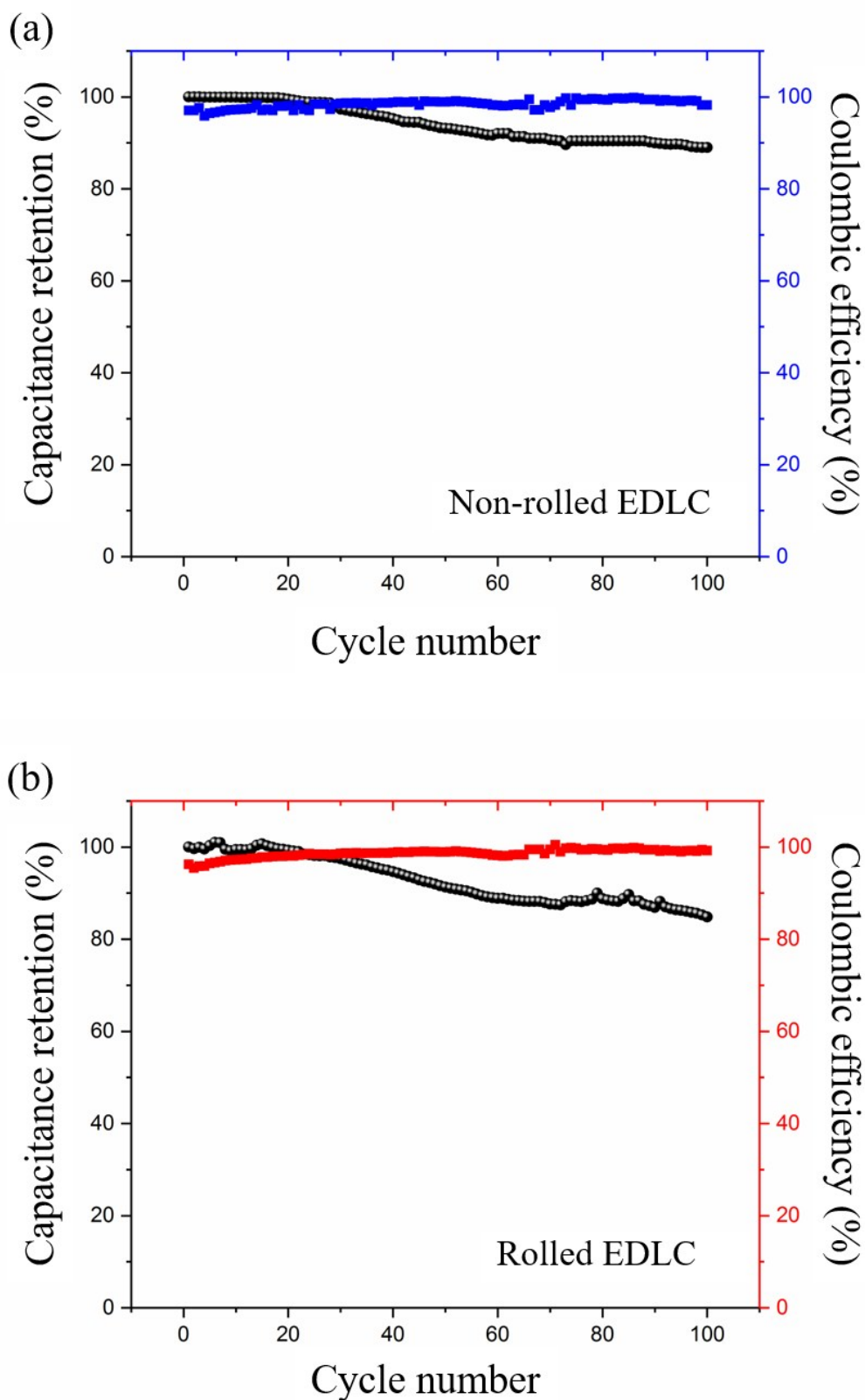


Fig. S3. Cycling stability of the (a) non-rolled and (b) rolled EDLC where capacitance plotted 100 cyclic voltammetry cycles, normalized by original capacitance value and coulombic efficiency.

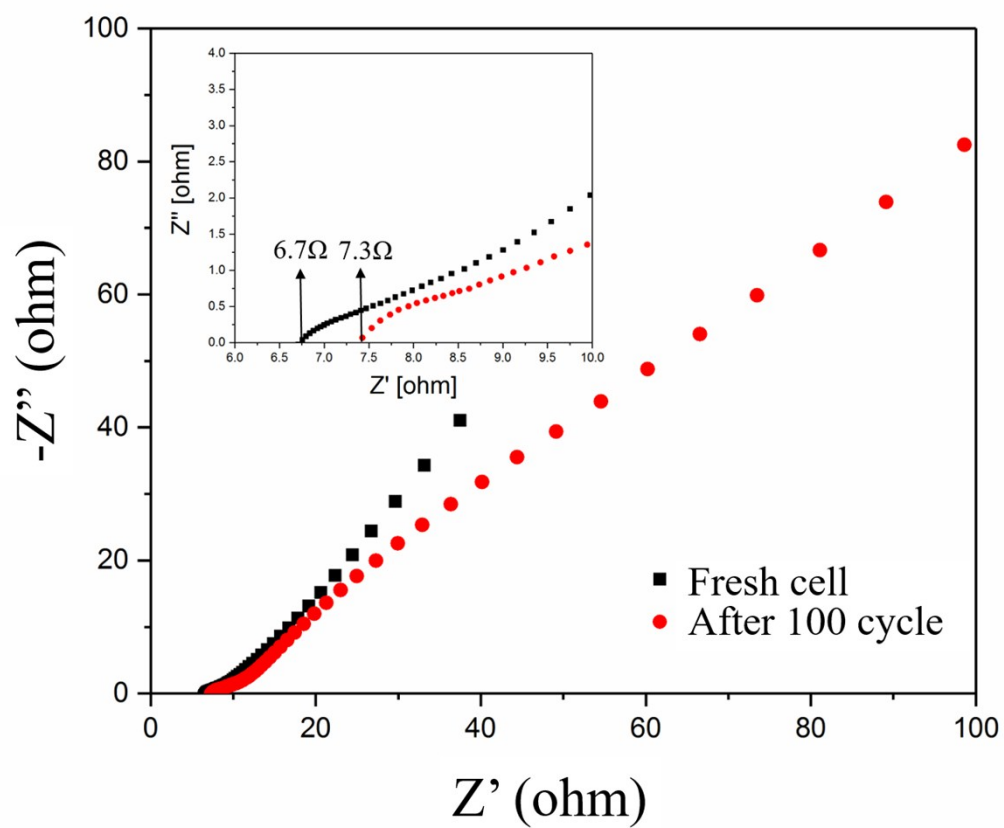


Fig. S4. Nyquist impedance plots of the fresh EDLC and EDLC after cyclic test.