Supporting Information

Imidazolium Sulfonate-Containing Pentablock Copolymer/Ionic Liquid Composite Membranes for Electroactive Actuators

Renlong Gao,1 Dong Wang,2 James R. Heflin,2 and Timothy E. Long1*

1Department of Chemistry, Macromolecules and Interfaces Institute, and 2Department of Physics, Virginia Tech, Blacksburg 24061 (USA)

*Corresponding author: E-mail: telong@vt.edu (T.E. Long) Tel: +1(540)231-2480. Fax: +1(540)231-8517

Figure S-1: TGA demonstrated enhanced thermal stability of MD9200-SO₃[EtIm]⁺ (red), as compared to the non-neutralized polymer MD9200-SO₃H (black).
Figure S-2: AFM phase images indicated that MD9200-SO₃[EtIm]⁺ exhibited more well-defined morphological features than non-neutralized sample MD9200-SO₃H.