

Electronic Supplementary Information

Evaluation of the microstructure of dry and hydrated perfluorosulfonic acid ionomers: microscopy and simulations

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■ S1. Elemental Mapping using EDS

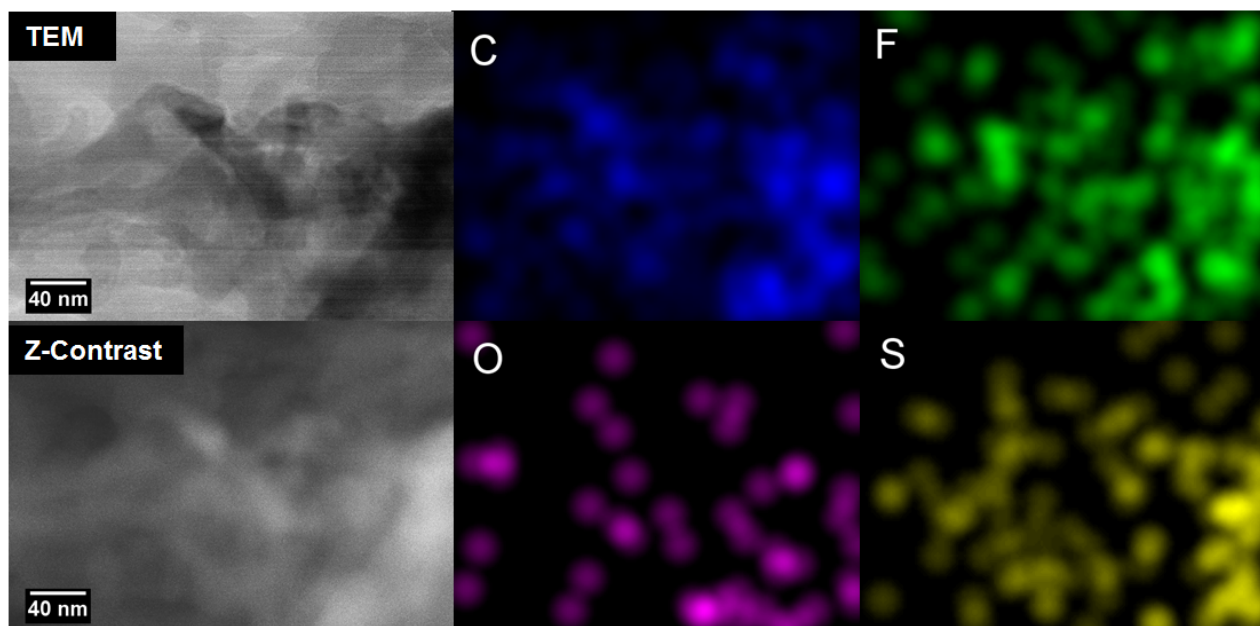


Fig. S1 TEM and Z-Contrast images of cryo-plunged hydrated 3M-636 samples and corresponding EDS maps for carbon (blue), fluorine (green), oxygen (magenta) and sulfur (yellow).

■ S2. Elemental Mapping using EFTEM

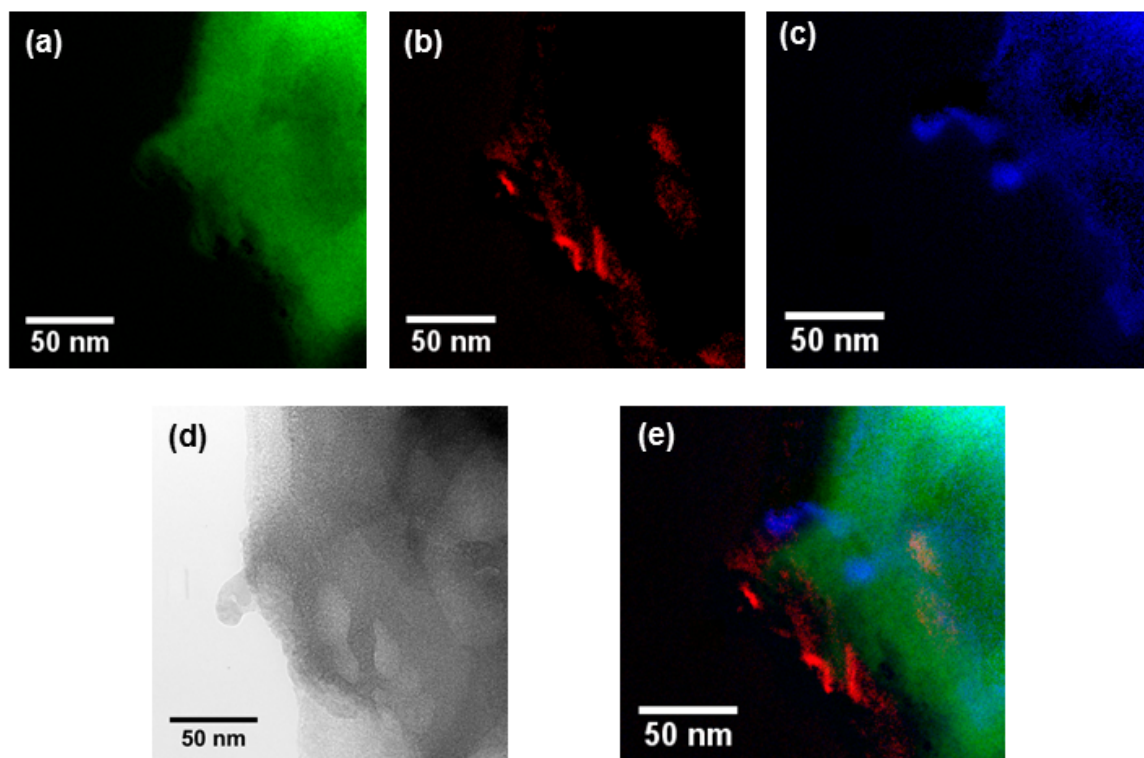


Fig. S2 Cryo-EFTEM Map of cryo-plunged 3M-636 samples (a) C-K map; (b) S-L map; (c) O-L map; (d) Elastic filtered image and (e) composite RGB color map (green: carbon, red: sulfur, blue: oxygen).