

Supplementary Materials: Influence of Membrane Equivalent Weight and Reinforcement on Ionic Species Crossover in All-Vanadium Redox Flow Batteries

Yasser Ashraf Gandomi, Doug S. Aaron and Matthew M. Mench

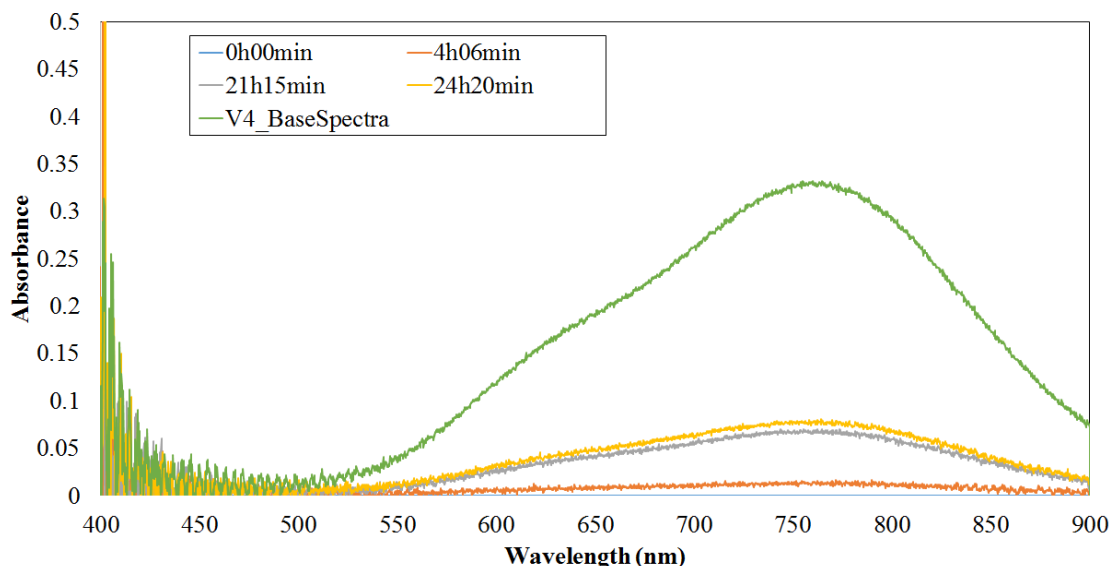


Figure S1. Calibration spectra for detection of the V(IV) ion via UV-Vis spectroscopy.

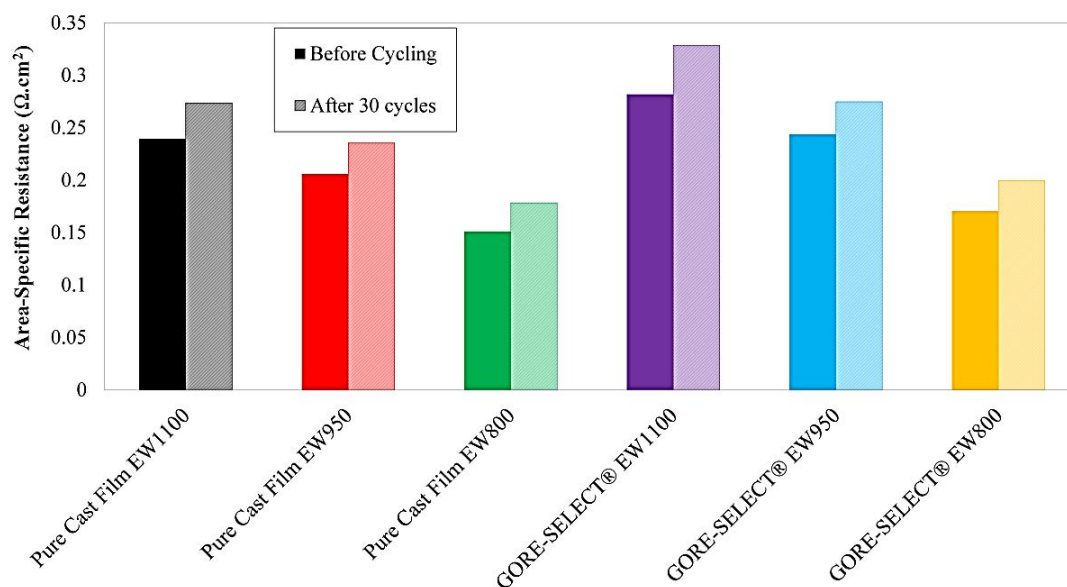


Figure S2. Area-specific resistance ($\Omega \cdot \text{cm}^2$).

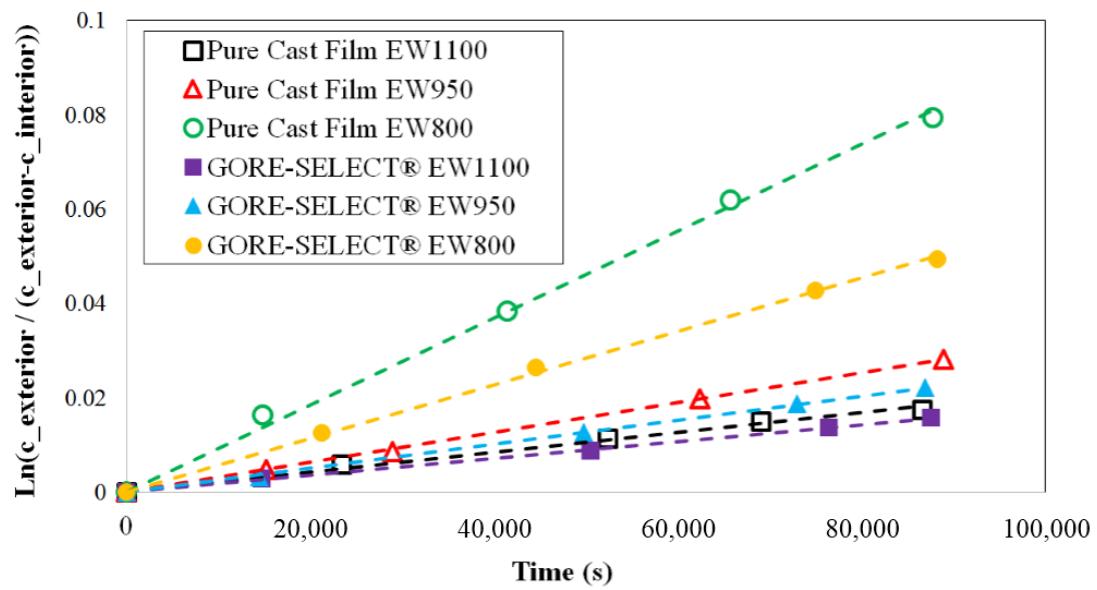


Figure S3. Semi-natural log plot used to determine permeability based on V(IV) ion diffused concentration.