

Electronic Supporting Information

For

Novel Polymeric Composite TPPS/s-PEEK Membranes for Low Relative Humidity PEFC

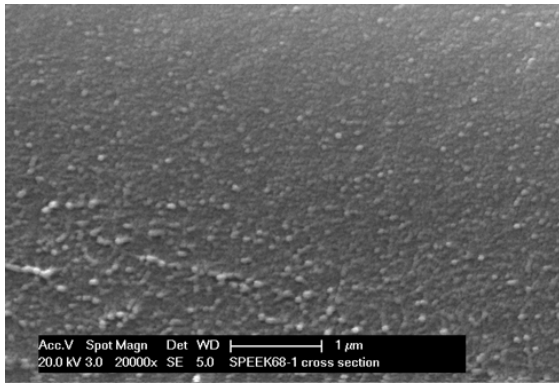
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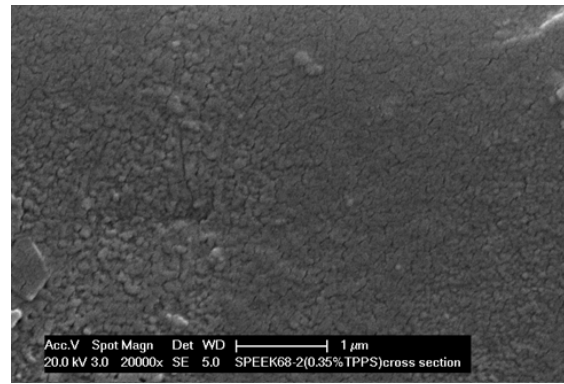
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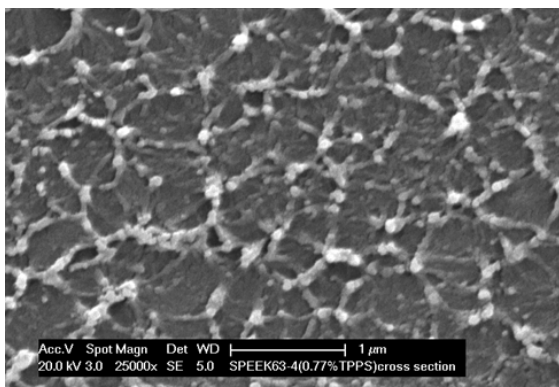
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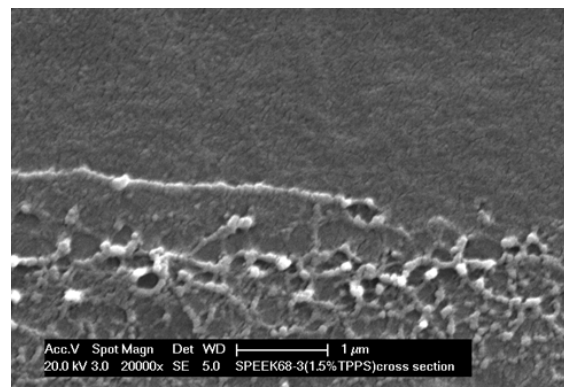
a)



b)



c)



d)

Figure S1. SEM Images of s-PEEK composite membranes, a) s-PEEK; b) s-PEEK-0.35; c) s-PEEK-0.77; d) s-PEEK-1.5.

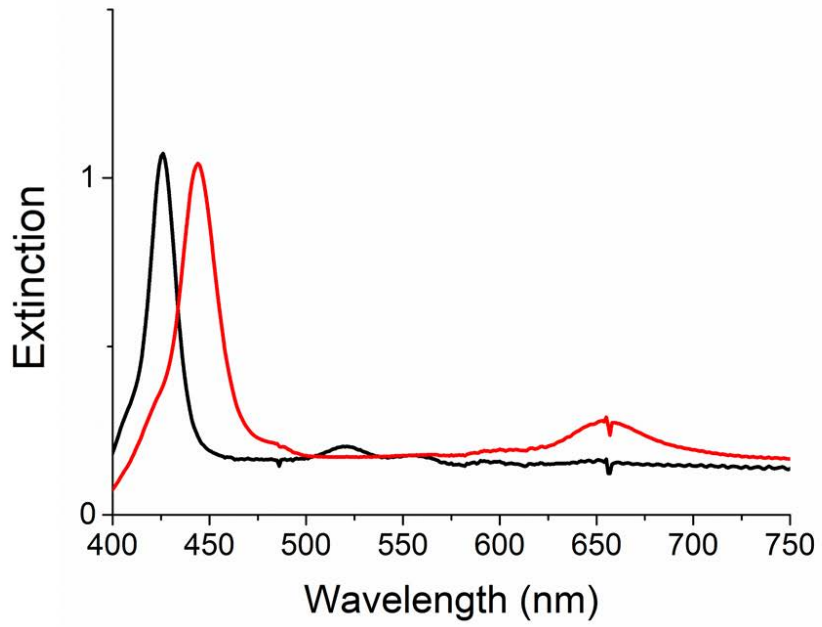


Figure S2. Extinction spectra of s-PEEK-0.77 composite membranes sulphonation degree 35% re-cast from DMAc (red line) and after dipping into alkaline NaOH, 1 M solution (black line) at 25 ° C.