

A comparative study on physiochemical, thermomechanical and electrochemical properties of sulfonated poly(ether ether ketone) block copolymer membranes with and without Fe_3O_4 nanoparticles

Supporting information

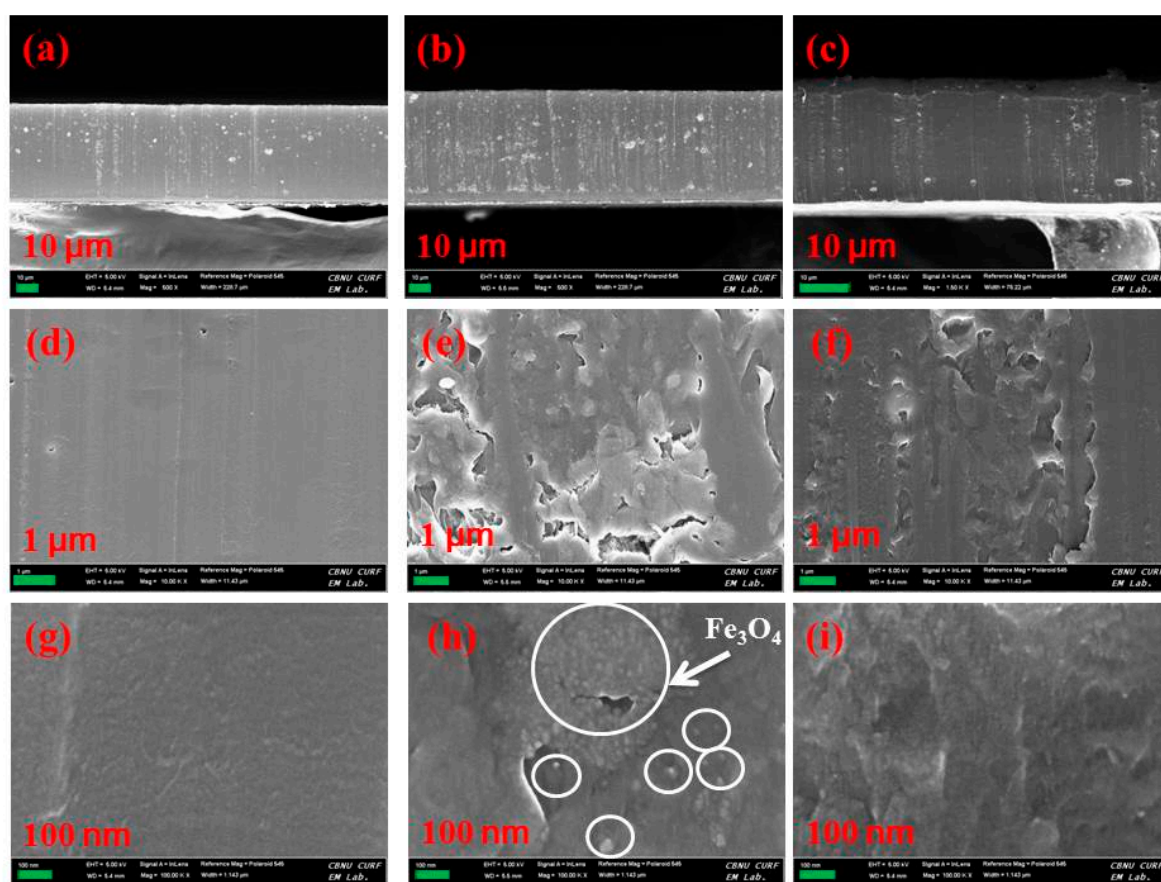


Fig. S1. Cross section FE-SEM images of (a, d and g) XY, (b, e and h) XY/ Fe_3O_4 -9 and (c, f and i) XY/(porous)-9 membranes.

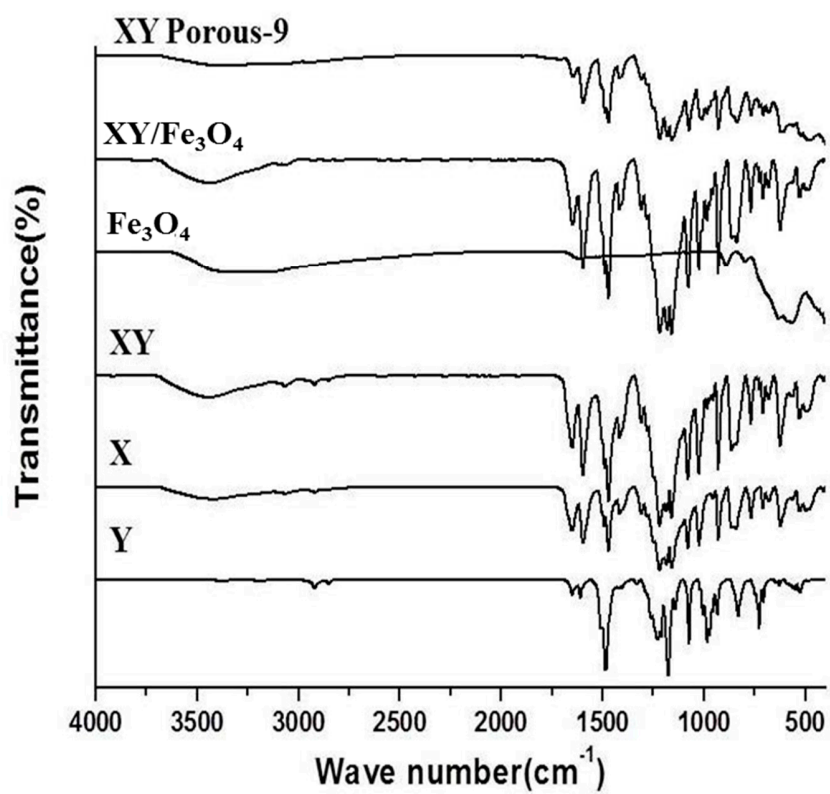


Fig. S2. FT-IR spectra of X, Y, composite and porous membranes.

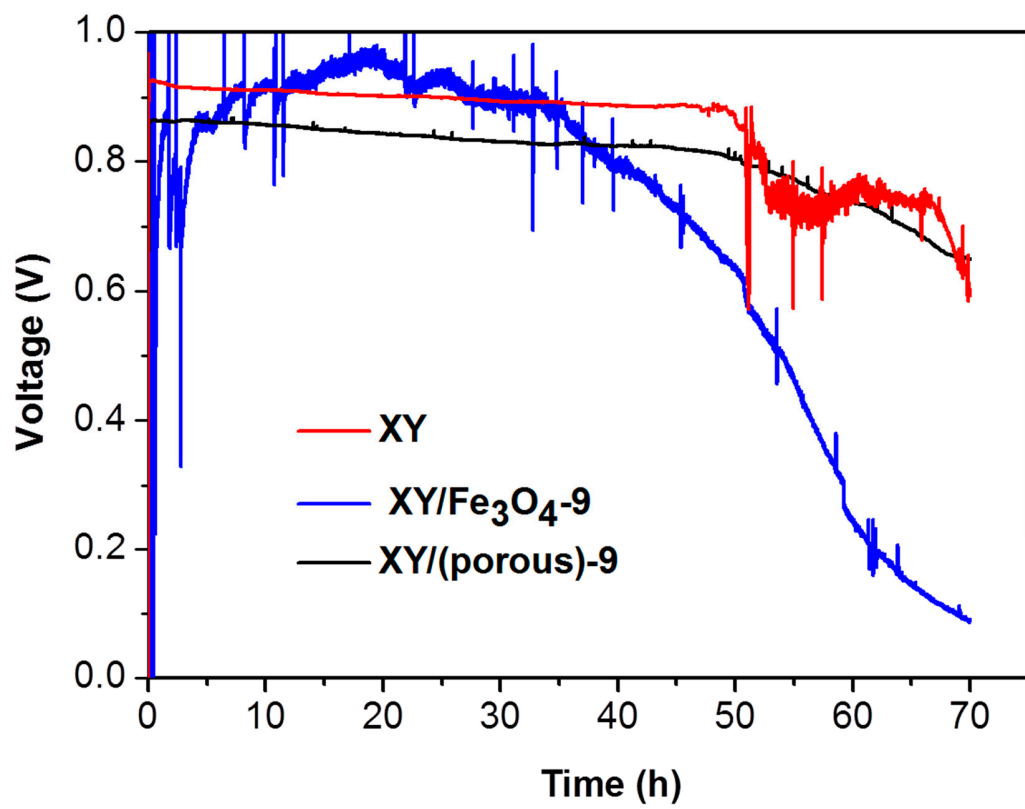


Fig. S3. Durability curves of XY, XY /Fe₃O₄-9 and XY/(porous)-9 membranes.