Supplementary materials

Article

Functionalized Graphene Oxide Modified Polyethersulfone Membranes for Low-Pressure Anionic Dye/Salt Fractionation

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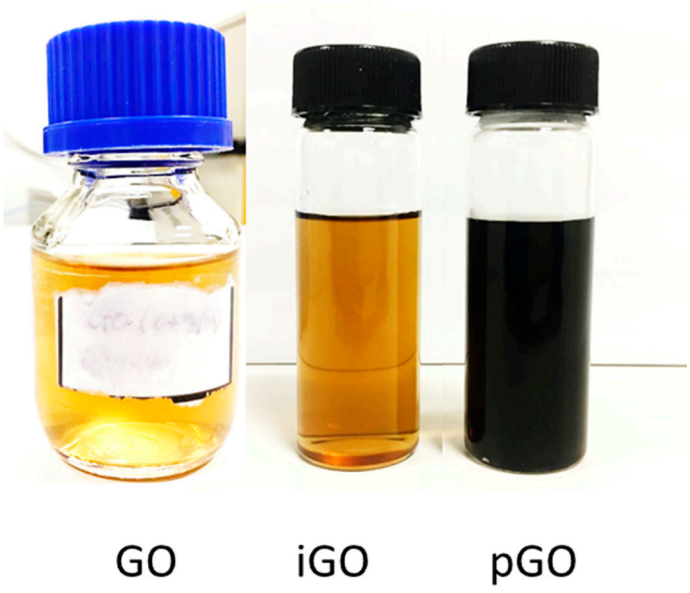

Figure S1. The as synthesized GO, iGO and, pGO aqueous solution.

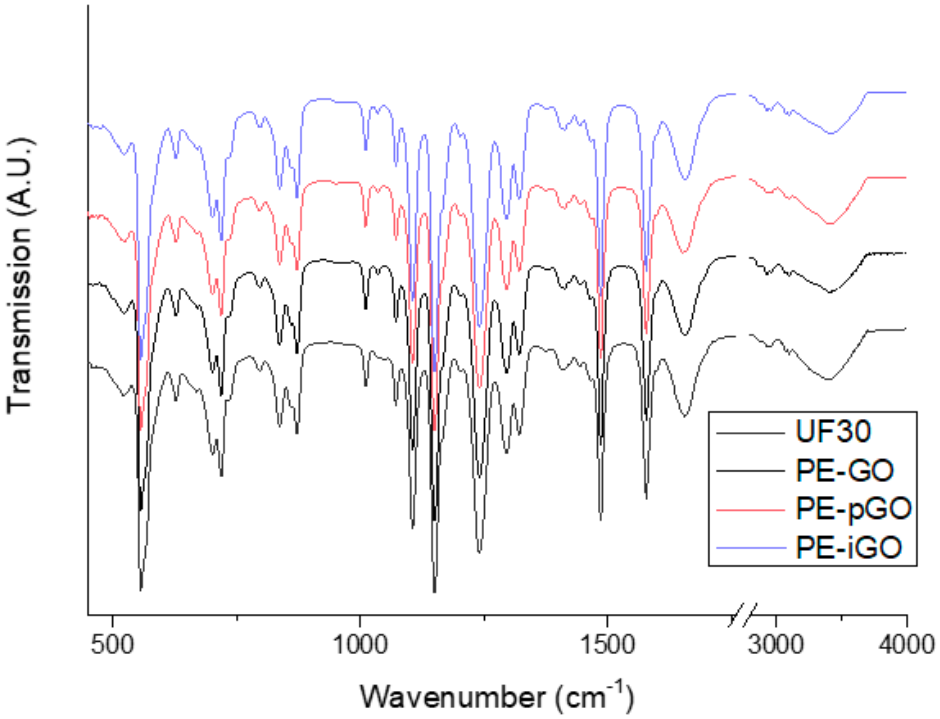

Figure S2. The ATR-FTIR absorption bands for UF30, PE-pGO membranes, and PE-iGO membranes.

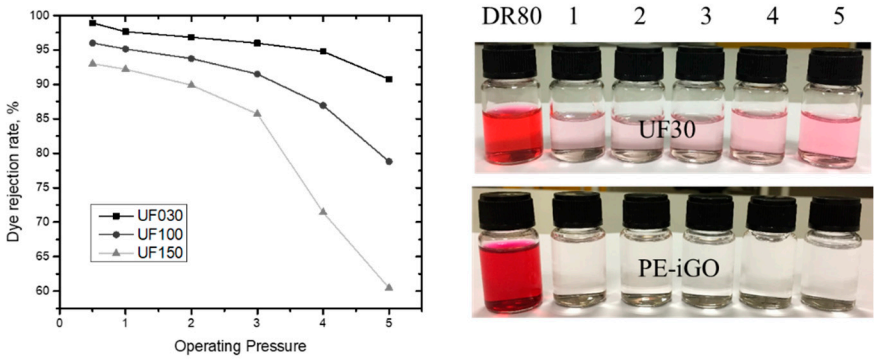

Figure S3. (a) The impact of operating pressure on DR80 rejection for commercial UF030, UF100, UF150 membranes (Microdyn Nadir). (b) Photos of filtrates by UF30 and PE-iGO at different pressure (1, 2, 3, 4, 5 bar).