

## Supporting Information

# Fluorine-Containing, Self-Assembled Graft Copolymer for Tuning the Hydrophilicity and Antifouling Properties of PVDF Ultrafiltration Membranes

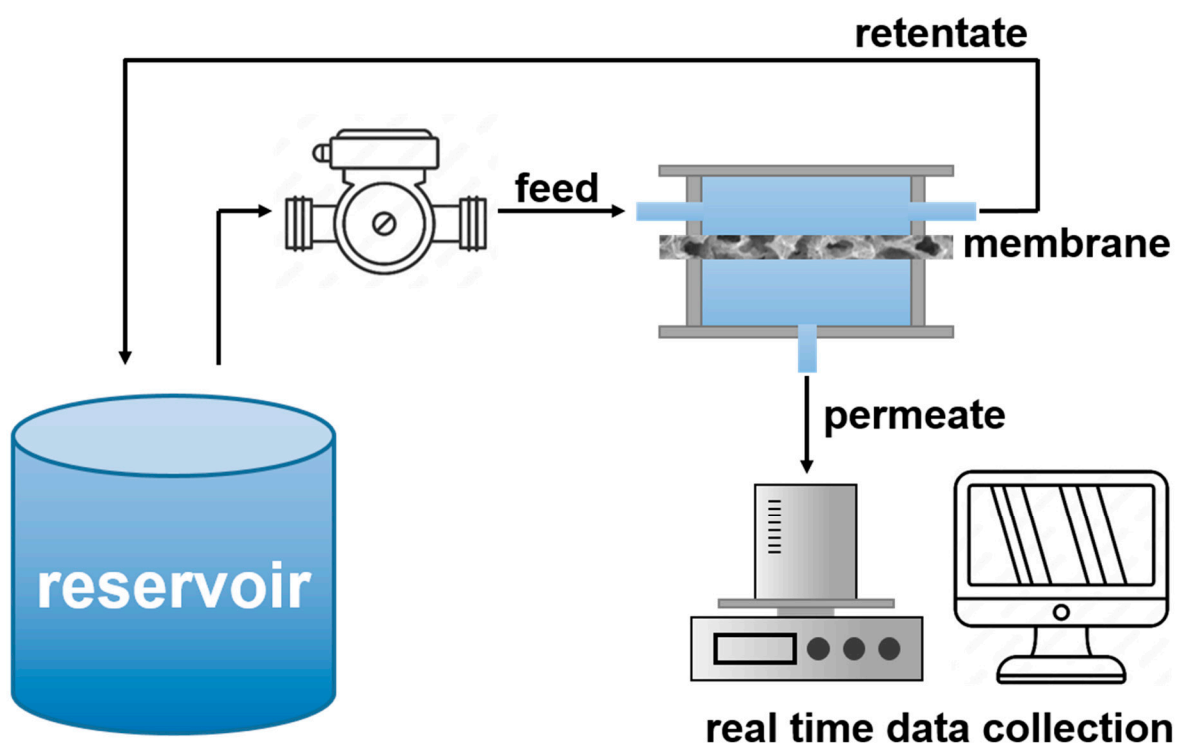
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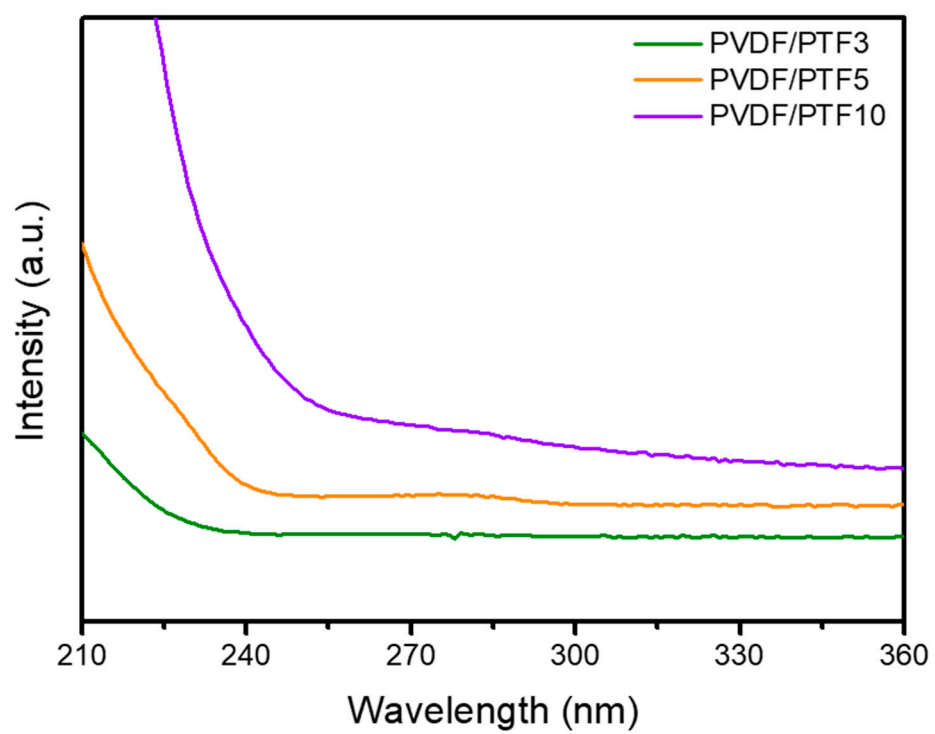
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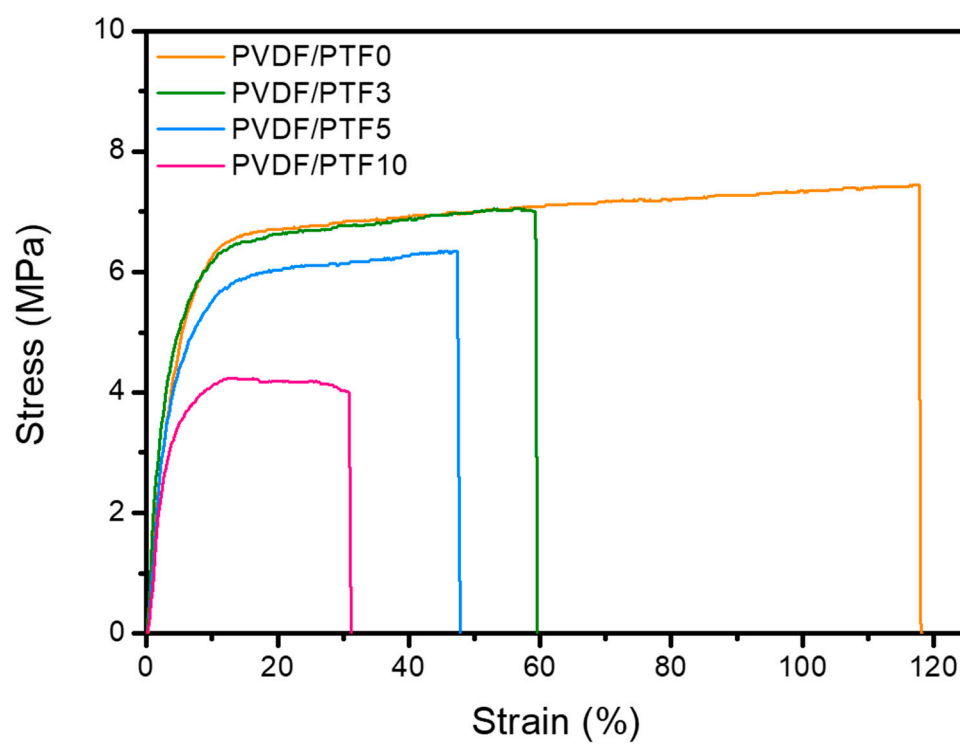
E-mail: [jonghak@yonsei.ac.kr](mailto:jonghak@yonsei.ac.kr)



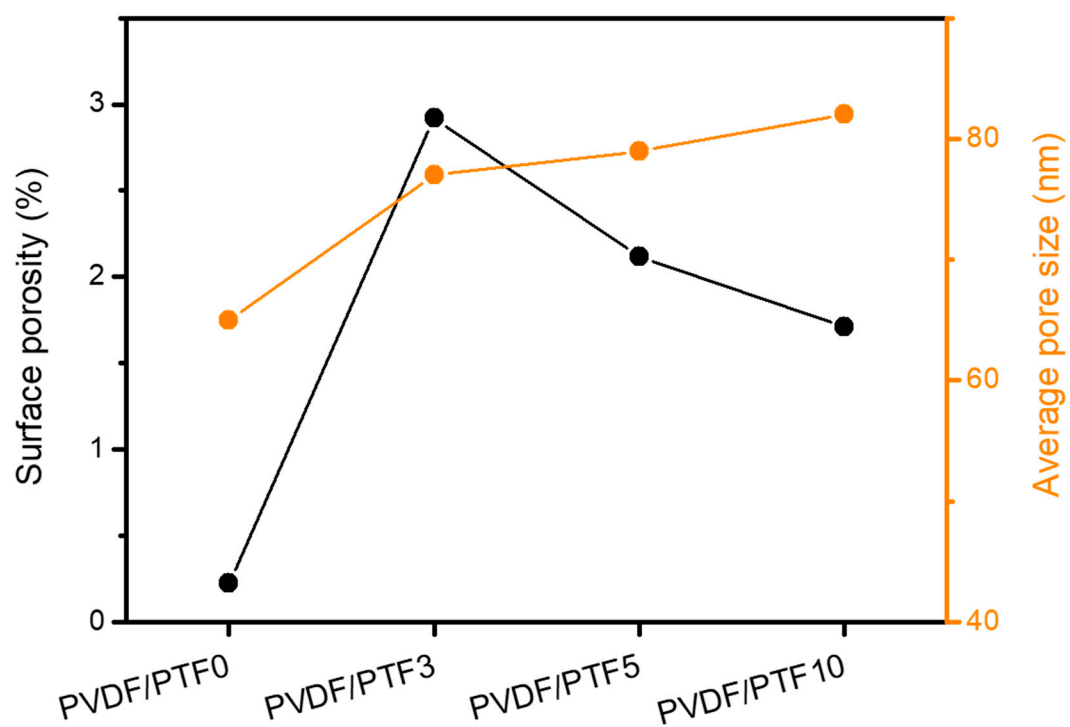
**Figure S1.** Schematic diagram of the setup for water permeation test.



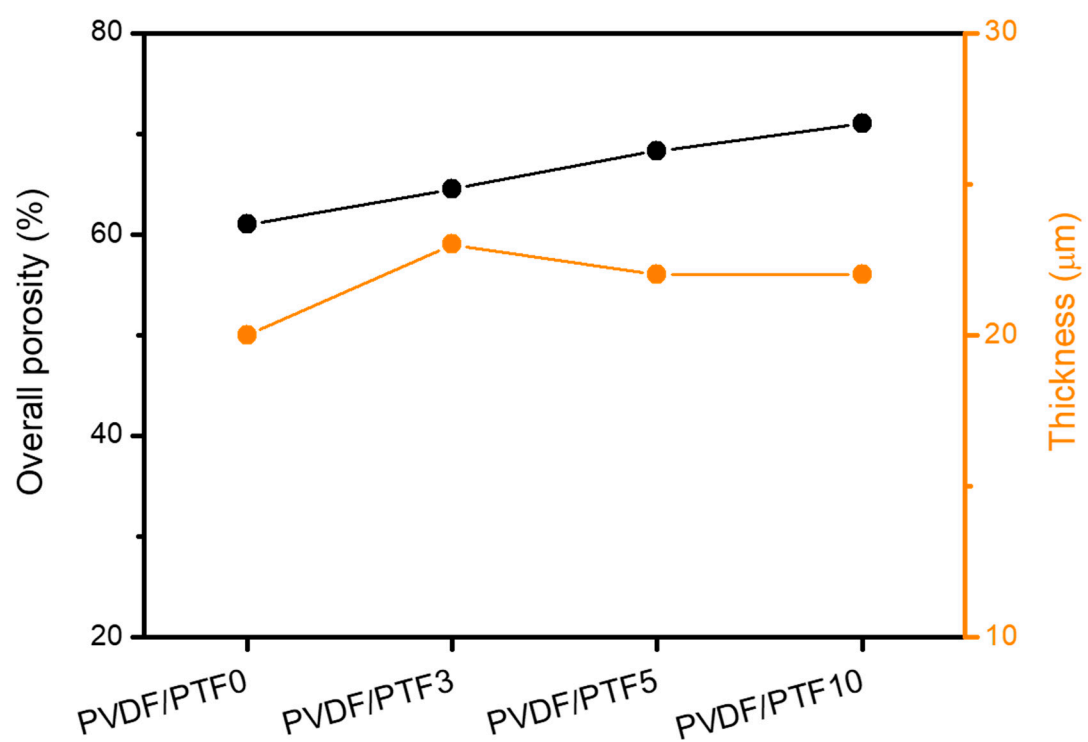
**Figure S2.** UV-vis spectra of BSA solutions obtained after filtration test through PVDF/PTF membranes.



**Figure S3.** Stress–strain curves of PVDF/PTF membranes with various PTF loadings.



**Figure S4.** Surface porosity and average pore size of PVDF/PTF membranes with various PTF loadings.



**Figure S5.** Overall porosity and thickness of PVDF/PTF membranes with various PTF loadings.