Electronic Supporting Information

Insights into the pore tuning of Triazine-based nitrogen-rich organoalkoxysilane membranes for use in water desalination

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Electronic Supporting Information-1 (ESI-1)

Gas Permeation Properties of TTESPT membranes-Arrhenius Plot

Fig. ESI-1 shows the Arrhenius plot of the gas permeances observed for TTESPT-60 and TTESPT-240 derived silica membrane calcined at temperatures of 300°C.The gas permeances for both membranes increased with the permeation temperature, revealing that the activated diffusion transport mechanism was dominant.

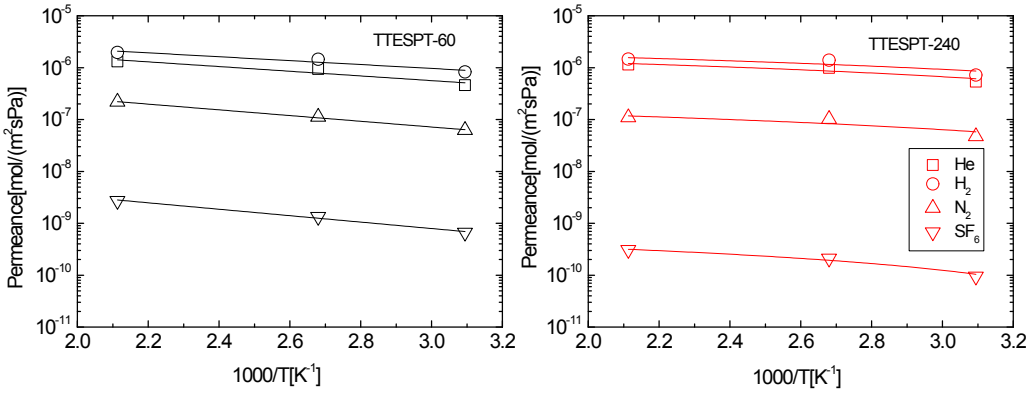

Fig. ESI-1 Arrhenius plot of the gas permeances observed for TTESPT-60 and TTESPT-240 derived silica membrane calcined at temperatures of 300°C