

Non-solvent-Induced Microstructure Rearrangement for Significantly Enhanced CO₂/N₂ Separation Performance of Pebax 2533 Membranes

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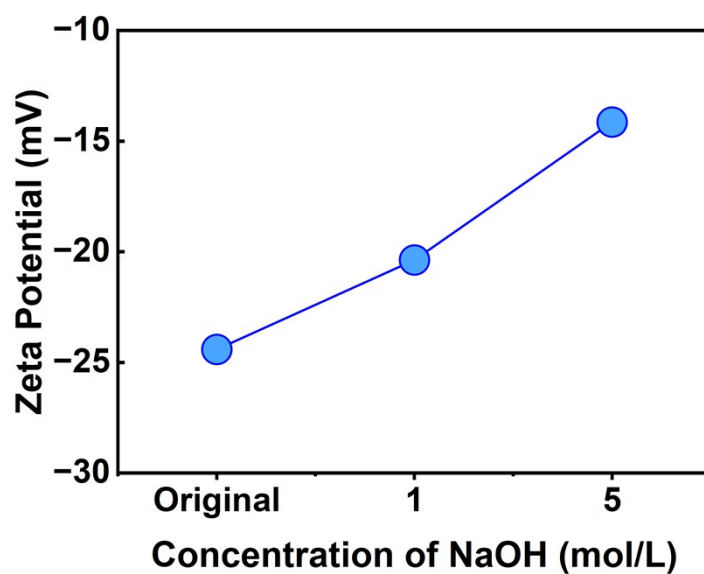


Figure S1. Zeta potential of Pebax 2533 membranes treated with varying concentrations of NaOH. Test conditions: pH=7.

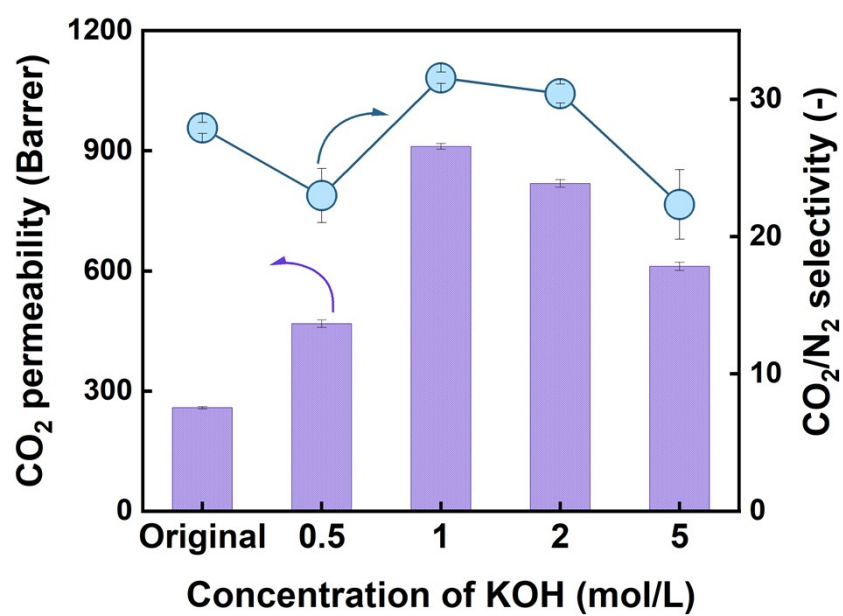


Figure S2. CO₂/N₂ separation performance of Pebax 2533 membranes treated with varying concentrations of KOH. Test conditions: 25 °C, 2 bar.

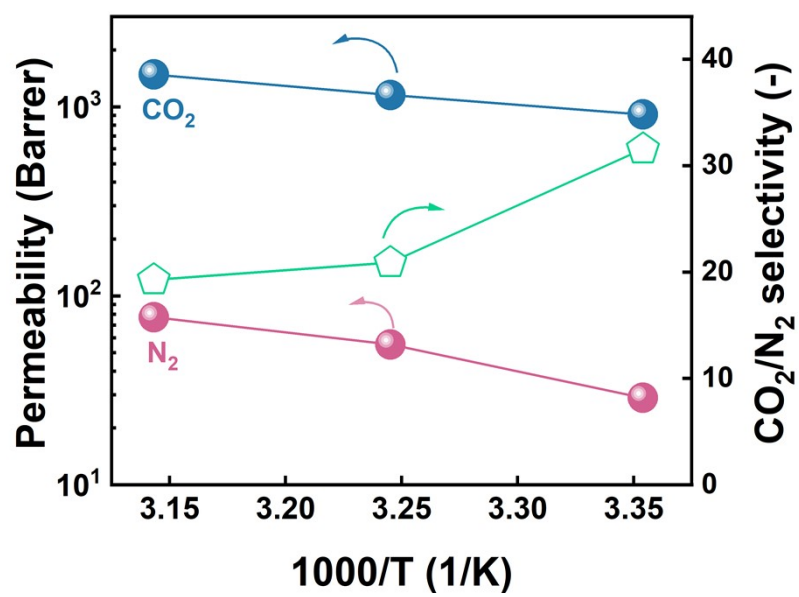


Figure S3. Effect of feed temperature on Pebax-KOH 1 mol/L membrane CO_2/N_2 Separation performance.

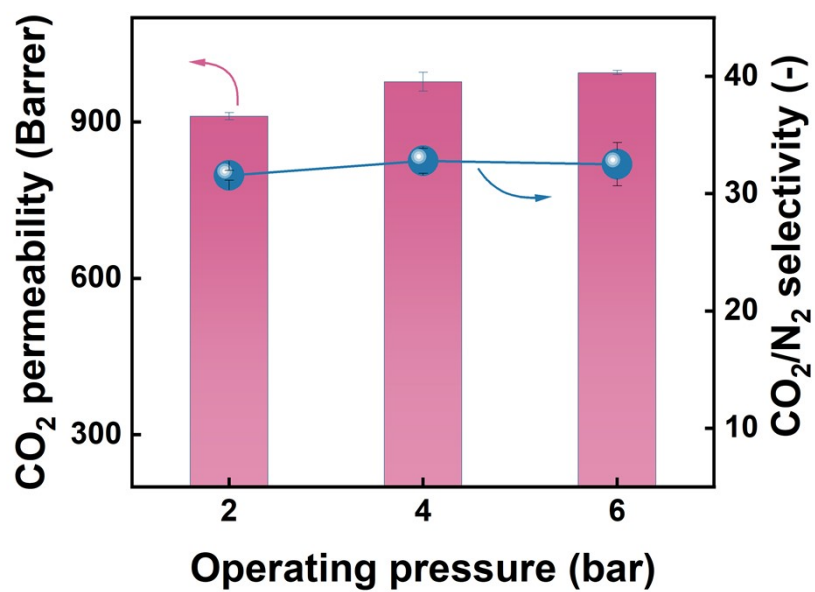


Figure S4. Effect of feed pressure on Pebax-KOH 1 mol/L membrane CO₂/N₂ Separation performance.

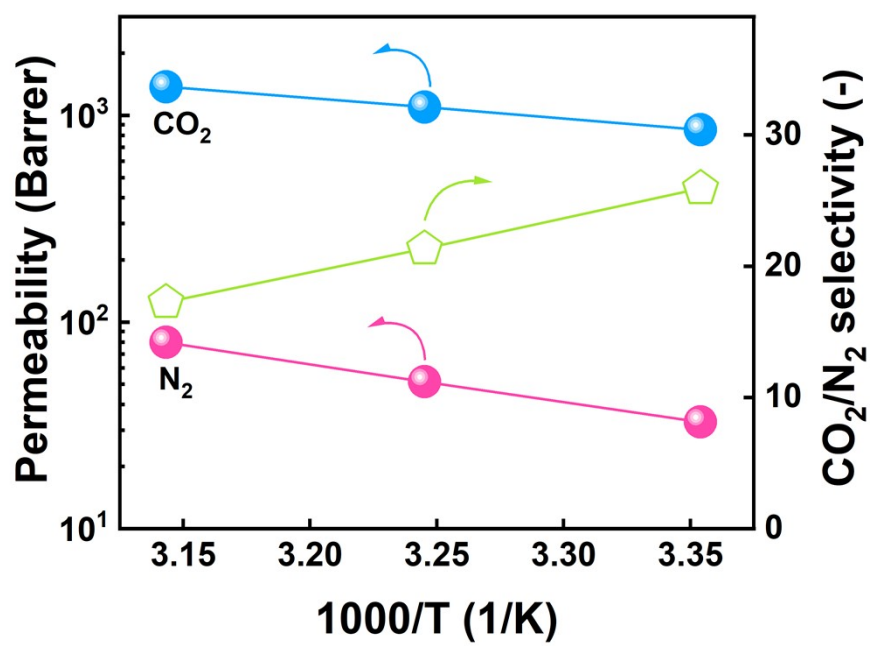


Figure S5. Effect of feed temperature on Pebax-LiOH 2 mol/L membrane CO₂/N₂ Separation performance.

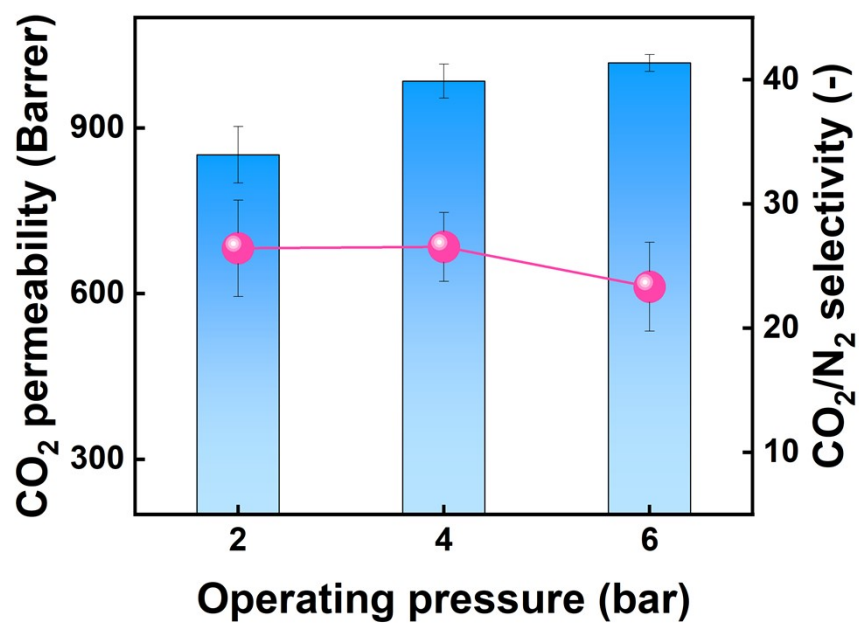


Figure S6. Effect of feed pressure on Pebax-LiOH 2 mol/L membrane CO₂/N₂ Separation performance.