membranes

MDPI

Article

Polydimethylsiloxane/Magnesium Oxide Nanosheet Mixed Matrix Membrane for CO_2 Separation Application

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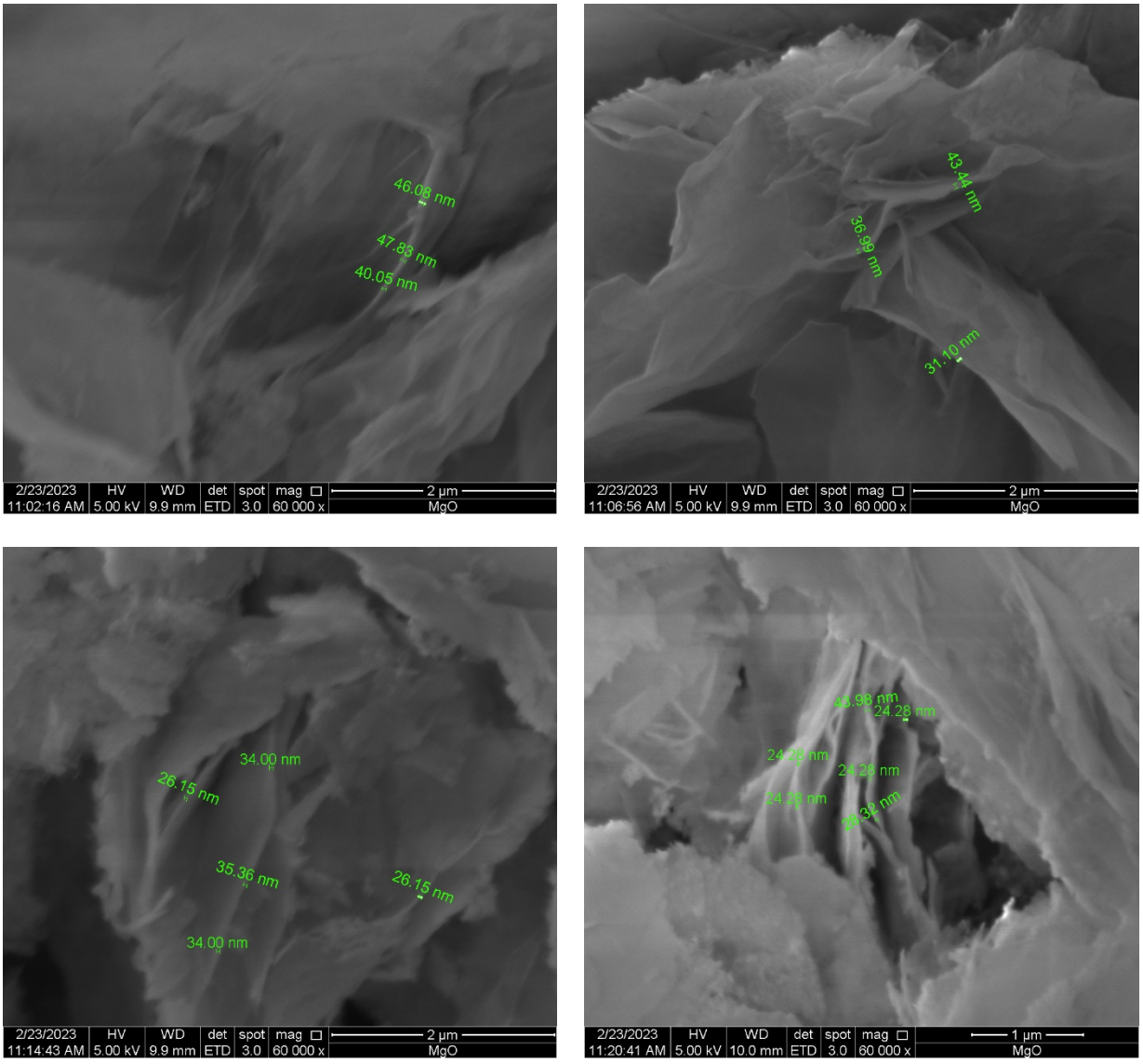
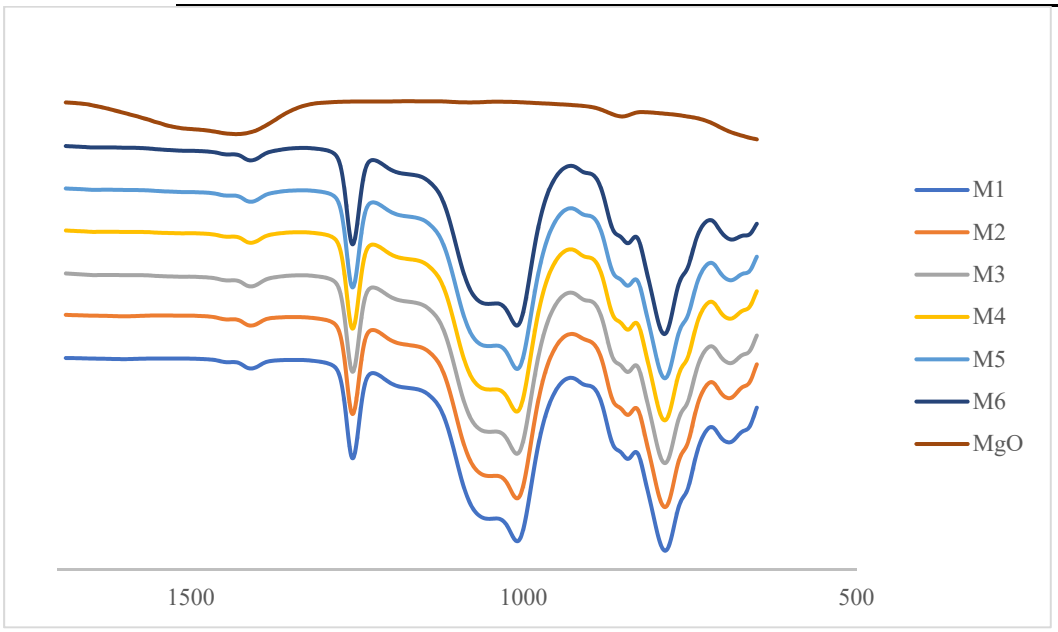


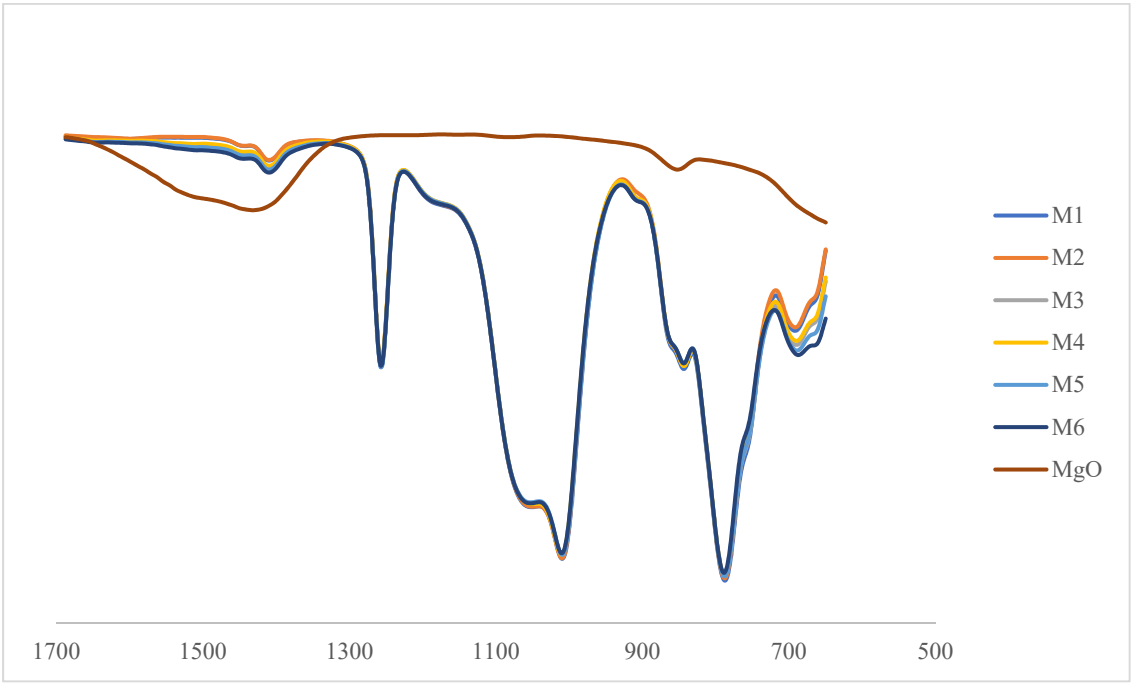
Figure S1. Average thickness of synthesized MgO nanosheet estimated from FESEM images.

Table S1. Thickness of the membranes fabricated by solvent evaporation method.

Membrane	Thickness (μm)
M1	424 ± 30
M2	262 ± 2
M3	256 ± 1
M4	311 ± 6
M5	300 ± 16
M6	441 ± 1



(a)



(b)

Figure S2. (**a**) Magnified spectra from 600 to 1700 cm^{-1} (**b**) difference in the intensity of the peak in the region from 600 to 1700 cm^{-1}.