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## Supplementary Information

# Thin film composite membranes based on the polymer of intrinsic microporosity PIM-EA(Me<sub>2</sub>)-TB blended with Matrimid®5218.

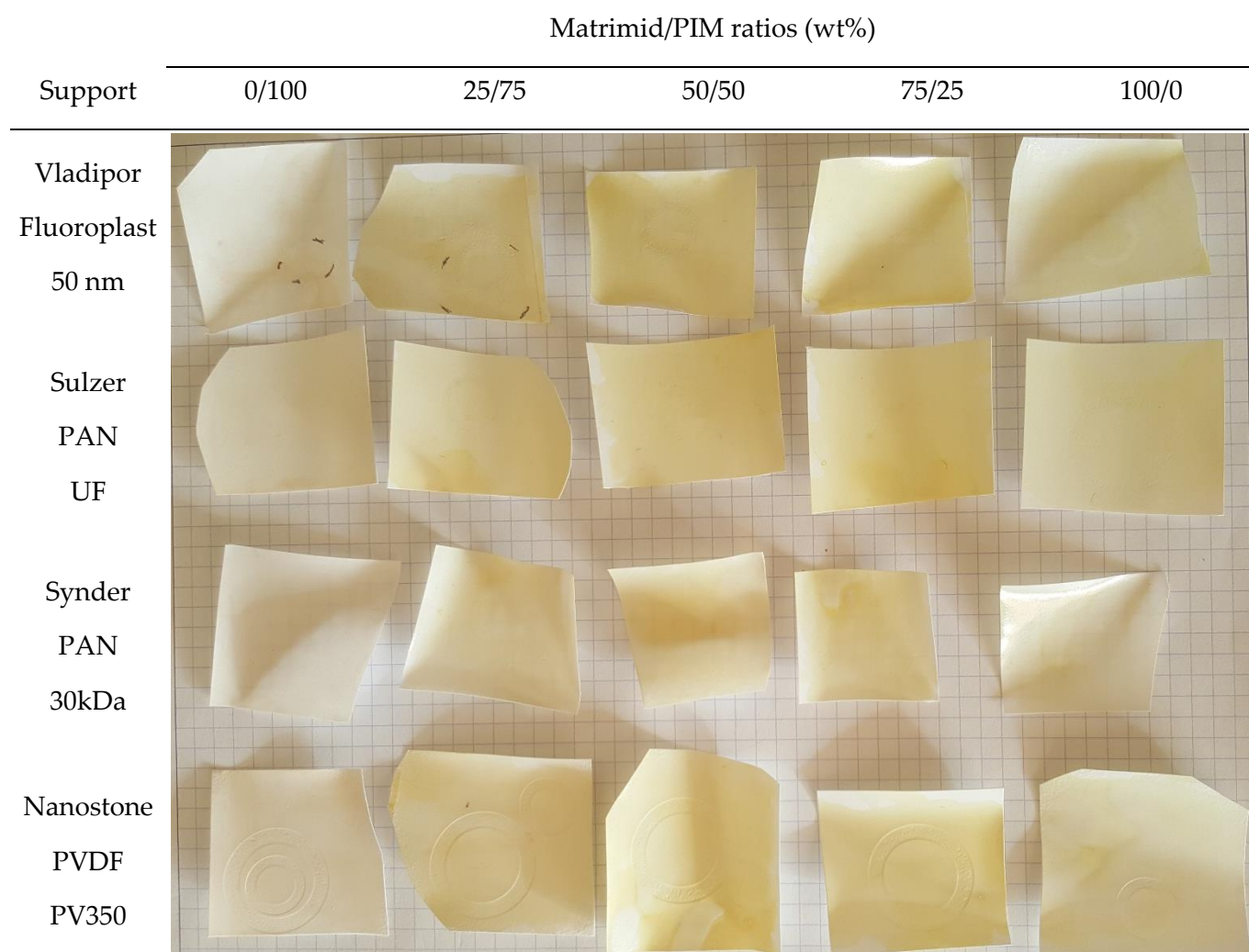
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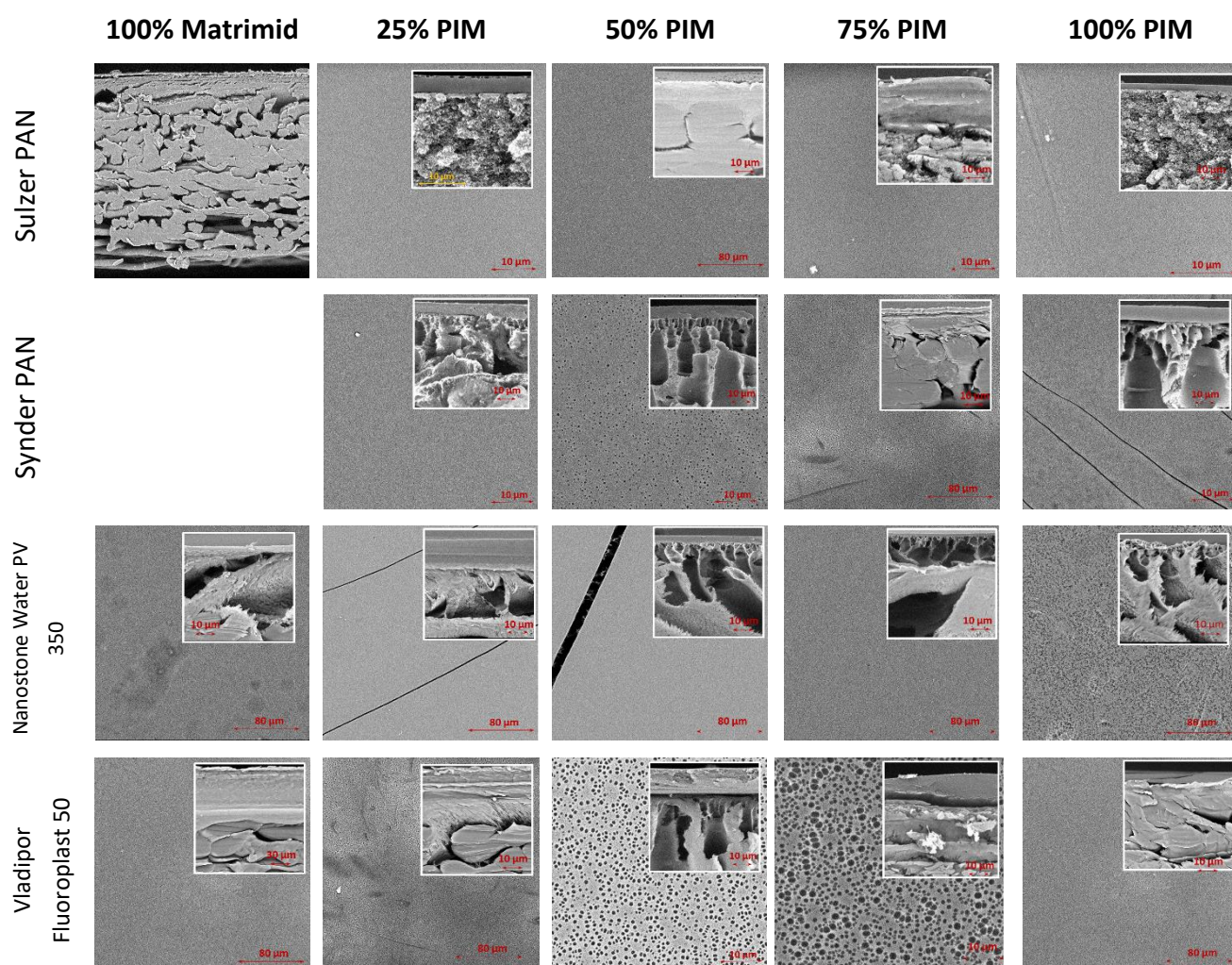
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**SI Figure S1.** Images of the TFC membranes with the four different supports after the permeability tests.



**SI Figure S2.** Cross-sectional SEM images of the of Matrimid®5218 / PIM-EA(Me<sub>2</sub>)-TB blend membranes with different blend compositions

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