

TEA incorporated CS blend composite membrane for high CO₂ separation performance

Miao Yu, Yan Dai, Kai Yang, Hao Li, Huimin Guo, Gaohong He*

*State Key Laboratory of Fine Chemicals, Research and Development Center of Membrane Science of Technology,
School of Chemical Engineering, Dalian University of Technology, Dalian, 116024, China; E-mail:
hgaohong@dlut.edu.cn; Fax: (+86) 0411-8498-6291.*

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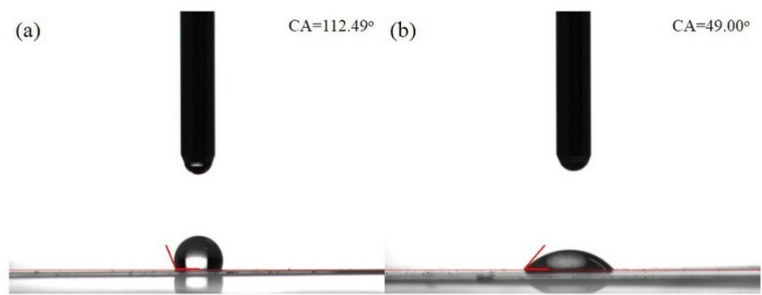


Fig. S1 Contact angle test results of (a) PP membrane (b) hydrophilized PP membrane

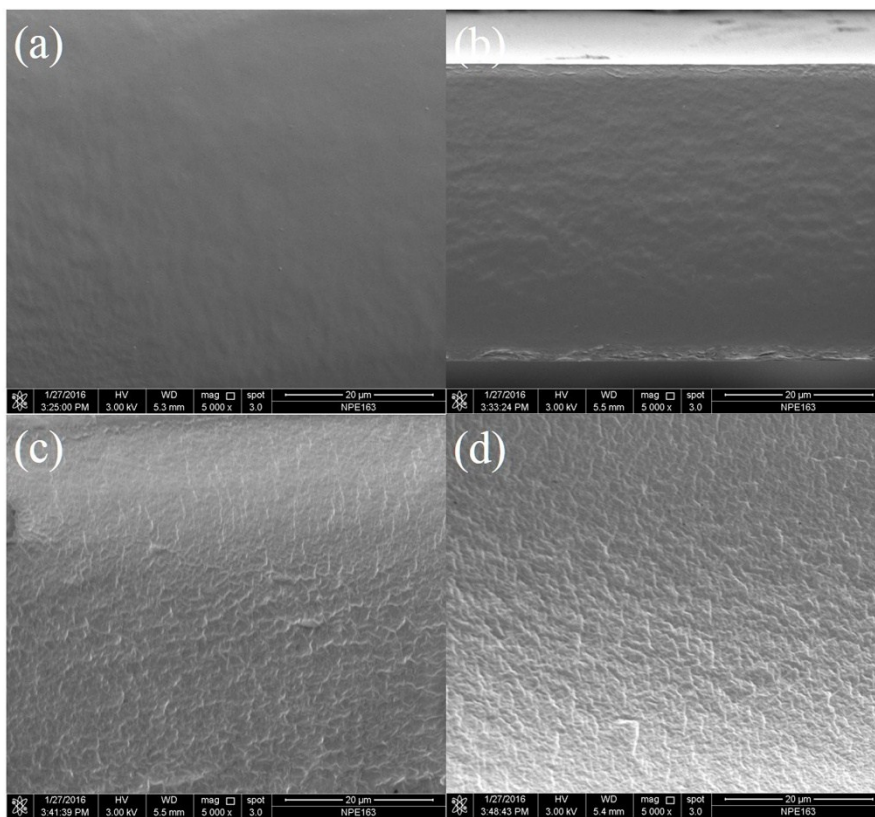


Fig.S2 SEM images of cross sectional morphologies of the dense CS membranes with different TEA contents
(a) 0 wt.%, (b) 10 wt.%, (c) 20 wt.%, (d) 30 wt.%.

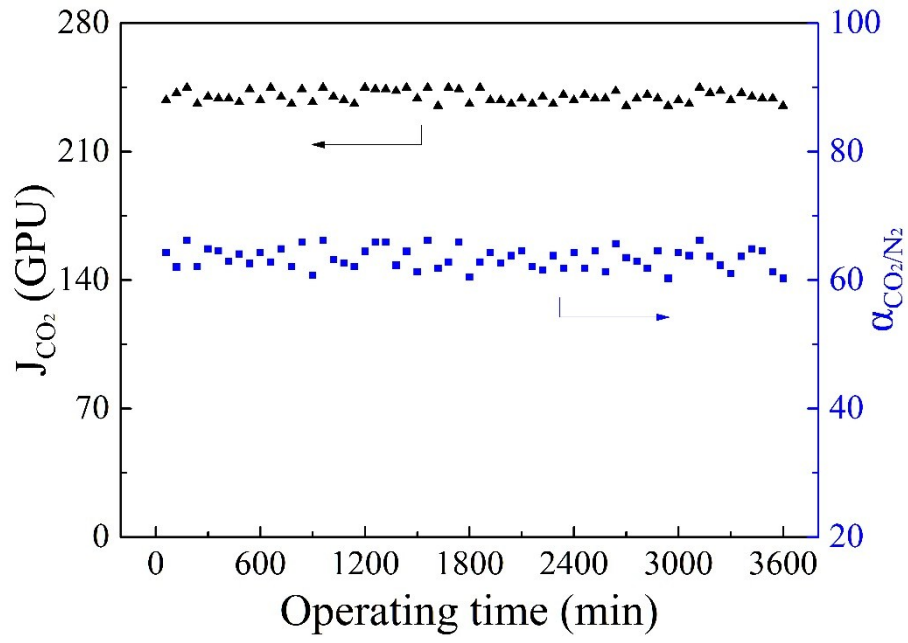


Fig. S3. Long-term performance of the TEA-CS blend composite membrane with TEA content of 15 wt.% at 0.3MPa