

Figure S1. SEM images of PAES-OH fibrous membrane-20 wt%-15 kV [A and B, original membrane; C and D, membrane immersed in n-hexane after drying in vacuum oven].

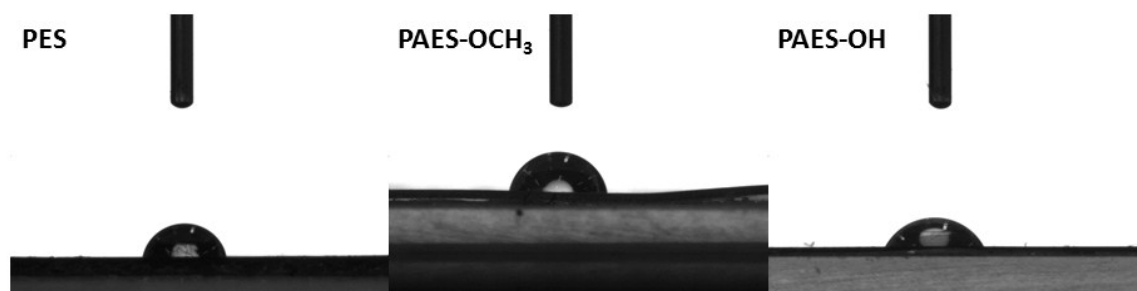


Figure S2 The contact angle of dense film of PES, PAES-OCH₃, and PAES-OH.

Table S1 Flux and rejection of fibrous PAES-OH-OTS membrane

Samples	Flux (L/(m ² h))	Rejection (%)
New Fibrous Membrane	8760	99.1
Fibrous Membrane after 1 cycle	8340	99.1
Fibrous Membrane after 2 cycle	8070	99.2
New Fibrous Membrane under 0.1 MPa	12390	87.2
New Fibrous Membrane under 0.2 MPa	17450	79.8