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Title: Fabrication of tethered carbon nanotubes in cellulose acetate/polyethylene glycol-400 composite membranes for reverse osmosis

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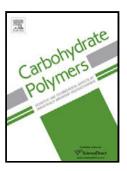
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Highlights

- Surface Engineered-Multiwall CarbonNanoTubes (SE-MWCNT) made by dissolution
 casting
- SEM micrographs of PM/SE-MWCNTs showed uniform dispersed dense structured membranes
 - PM/SE-MWCNTs composite membranes improved salt rejection properties up to 99.8%
 - Thermal properties augmented PM/SE-MWCNTs composite membrane compared to PM membrane

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