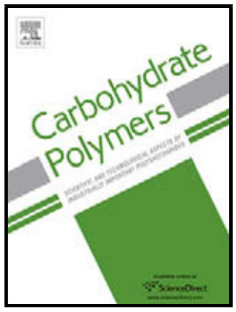

Title: Fabrication of tethered carbon nanotubes in cellulose acetate/polyethylene glycol-400 composite membranes for reverse osmosis

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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