

## Electronic Supplementary Information

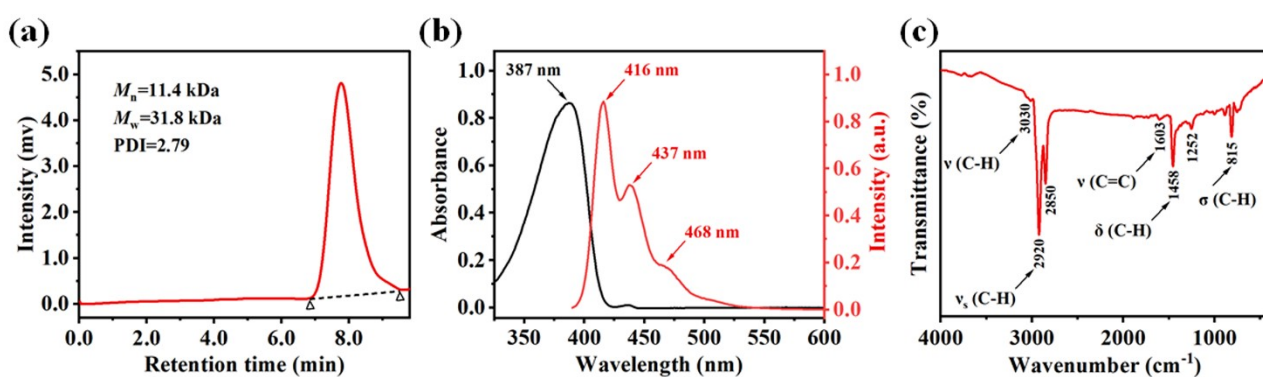
### Synthesis of poly(9,9-dioctylfluorene) in a rotating packed bed with enhanced performance for polymer light-emitting diode

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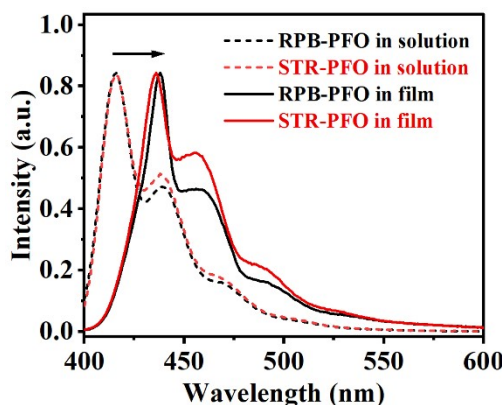
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**Fig. S1.** (a) The GPC curve (in trichlorobenzene, 150 °C), (b) UV-vis and PL spectra (in toluene,  $10^{-5}$  M), and (c) FTIR spectrum of the polymer synthesized in RPB at 1:7 volume ratio of toluene to water.



**Fig. S2.** PL spectra of STR-PFO and RPB-PFO measured in solution and film state (in toluene,  $10^{-5}$  M)