

Electronic Supplementary Information

Discovery and Structure Characteristics of Intermediate-State Conformation of Poly(9,9-dioctylfluorene) (PFO) in Dynamic Process of Conformation Transformation and Its Effect on Carrier Mobility

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Molecular Weight and Polydispersity Index of PFO. PFO was purchased from American Dye Source, Catalog No. ADS329BE. The related parameters were got by Gel Permeation Chromatography (GPC), which was performed using a LC-20AD instrument with tetrahydrofuran as an eluent and polystyrene as the standard sample. The results were shown in Table 1.

Table 1. Molecular Weight and Polydispersity Index of PFO

PFO	molecular weight(Mw) (g.mol ⁻¹)	number weight(Mn) (g.mol ⁻¹)	polydispersity index (PDI)
	82232	60565	1.36

