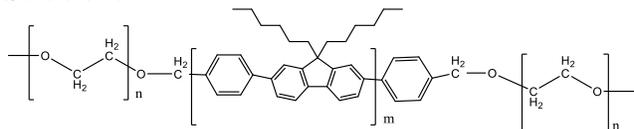


**Sample Name: Poly(ethylene oxide)-b-poly(9,9-n-dihexyl-2,7-fluorene)-b-poly(ethylene oxide)**

**Sample #: P6052-EODHFEO**

**Structure:**

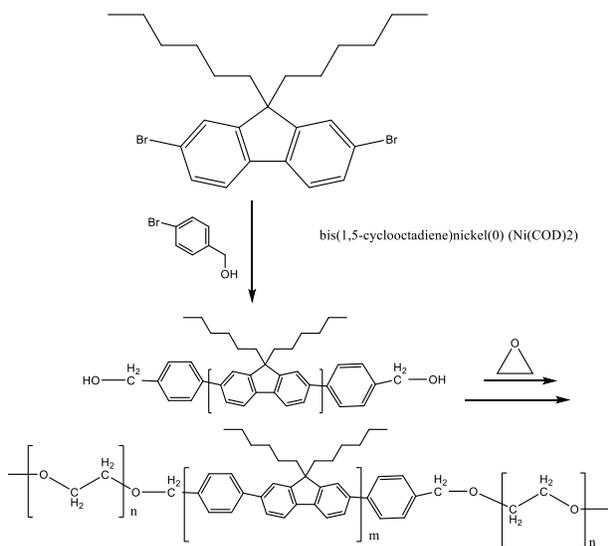


**Composition:**

Mn x 10 <sup>3</sup>	PDI
PEO-b-DHF-b-PEO	1.15
28.2-b-2.9-b-28.2	

**Synthesis Procedure:**

The polymer is prepared as followed scheme:



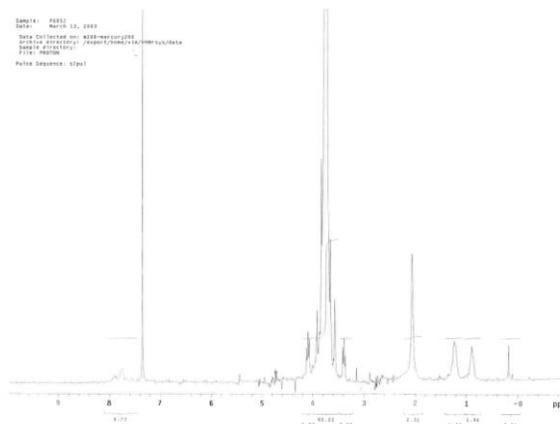
**Characterization:**

Polymer characterized by GPC and HNMR.

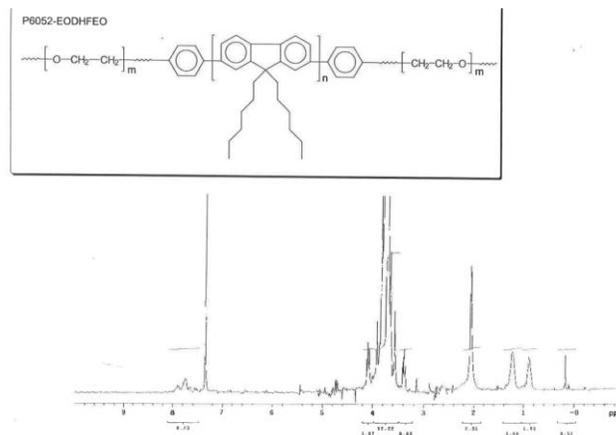
**Solubility:**

The polymer is soluble in CHCl<sub>3</sub> and precipitated in hexane and ether.

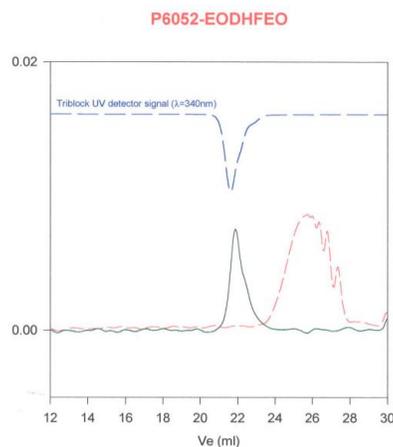
**HNMR spectrum of OH terminated Poly DHF:**



**1H-NMR Spectrum of the block copolymer:**



**SEC of the block copolymer:**



Size Exclusion Chromatogram of Poly(ethylene oxide)-b-DHF-b-ethylene oxide (DHF = 9,9-di-n-hexyl-2,7-fluorene)

— PDHF: M<sub>n</sub>=2900, M<sub>w</sub>=4700, M<sub>w</sub>/M<sub>n</sub>=1.62, (M<sub>n</sub>=2100 by NMR)  
 — EO-DHF-EO Triblock: M<sub>n</sub>, PEO(28200)-PDHF(2900)-PEO(28200), M<sub>w</sub>/M<sub>n</sub>=1.15