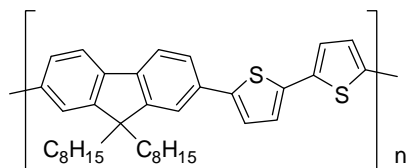


OTFT Materials: Polymer Materials

LT-S979 **F8T2** **Poly[(9,9-di-n-octylfluorenyl-2,7-diyl)-alt-2,2'-bithiophene-5,5'-diyl]**

New



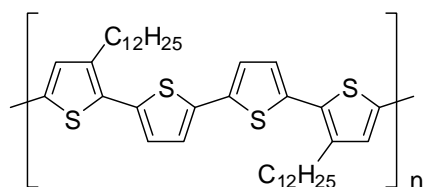
Formula : $(C_{37}H_{40}S_2)_n$

Thermal Gravimetric Analysis : 280°C (0.5% weight loss)

Reference : *Appl. Phys. Lett.*, 2000, 77, 406

LT-S980 **PQT-12** **Poly[bis(3-dodecyl-2-thienyl)-2,2'-dithiophene -5,5'-diyl]**

New



Formula : $(C_{40}H_{56}S_4)_n$

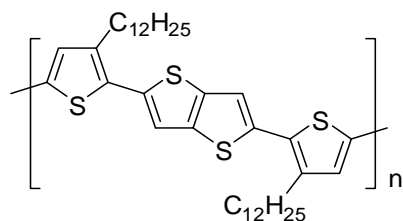
Thermal Gravimetric Analysis : 260°C (0.5% weight loss)

Reference : 1. *J. Am. Chem. Soc.*, 2004, 126, 3378

2. *Adv Mater.*, 2005, 17, 184

LT-S981 **PBTTT-C12** **Poly(2,5-bis(3-dodecylthiophen-2-yl)thieno[3,2-b]thiophenes)**

New



Formula : $(C_{38}H_{54}S_4)_n$

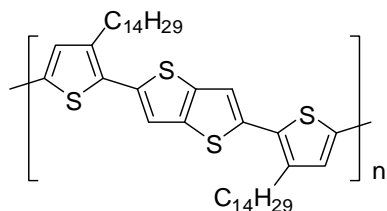
Mw : 40000~80000

Absorption : 547nm (in CH₂Cl₂)

Reference : *Nature Materials*, 2006, 5, 328

LT-S982 **PBTTT-C14** **Poly(2,5-bis(3-tetradecylthiophen-2-yl)thieno[3,2-b]thiophene)**

New



Formula : $(C_{42}H_{62}S_4)_n$

Mw : 40000~80000

Absorption : 547nm (in CH₂Cl₂)

Photoluminescence

Reference : *Nature Materials*, 2006, 5, 328