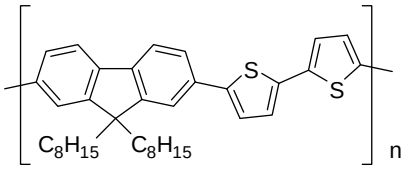
OTFT Materials: Polymer Materials

LT-S979 **F8T2**

New



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

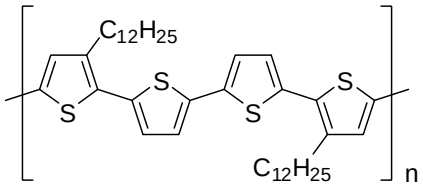
Formula : $(C_{37}H_{40}S_2)_n$

Thermal Gravimetric Analysis : 280℃ (0.5% weight loss)

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

LT-S980 **PQT-12**

New



Poly[bis(3-dodecyl-2-thienyl)-2,2'-dithiophene -5,5'-diyl]

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

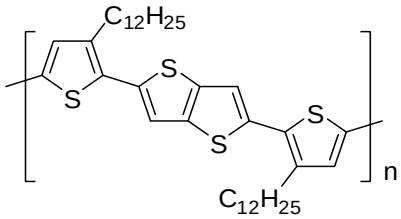
Thermal Gravimetric Analysis : 260℃ (0.5% weight loss)

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

2.Adv Mater.,2005,17,184

LT-S981 **PBTTT-C12**

New



Poly(2,5-bis(3-dodecylthiophen-2-yl)thieno[3,2-b]thiophenes)

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

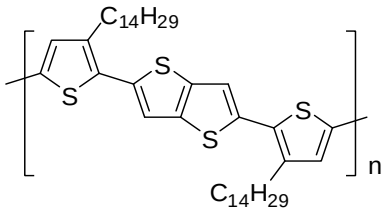
Mw : 40000~80000

Absorption : 547nm (in CH_2Cl_2)

Reference : Nature Materials, 2006,5,328

LT-S982 **PBTTT-C14**

New



Poly(2,5-bis(3-tetradecylthiophen-2-yl)thieno[3,2-b]thiophene)

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

Mw : 40000~80000

Absorption : 547nm (in CH_2Cl_2)

Photoluminescence

Reference : Nature Materials, 2006,5,328