

PJ1: Polymeric DTY6 for all polymer solar cell



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Organic Nano Electronic (ONE=I) Materials for these who understand quality

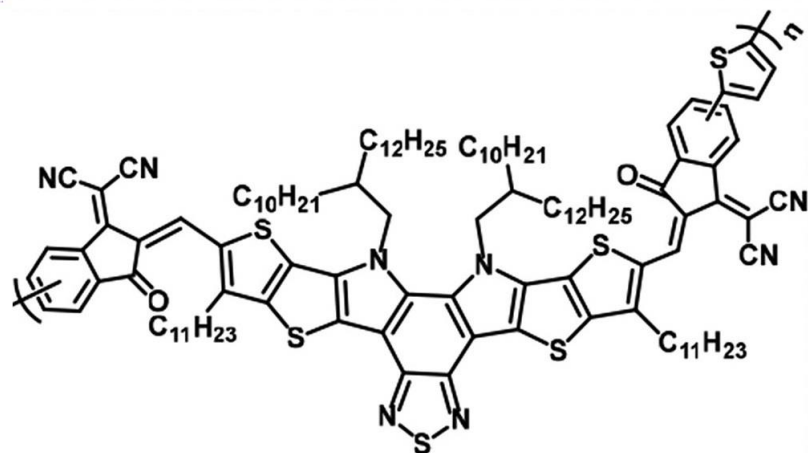
1M Material: PJ1/OS3044

Applications: Polymer acceptor for all-polymer solar cell, poly-NFA

CAS Number: 2411023-04-4

Chemical Name: Poly[[12,13-bis(2-decyltetradecyl)-12,13-dihydro-3,9-diundecylbisthieno[2'',3'':4',5']thieno[2',3':4,5]pyrrolo[3,2-*e*:2',3'-*g*][2,1,3]benzothiadiazole-2,10-diyl)methylidyne[1-(dicyanomethylene)-1,3-dihydro-3-oxo-2*H*-inden-?-yl-2-ylidene]-2,5-thiophenediyl[1-(dicyanomethylene)-1,3-dihydro-3-oxo-2*H*-inden-?-yl-2-ylidene]methylidyne]

Polymer Structure:

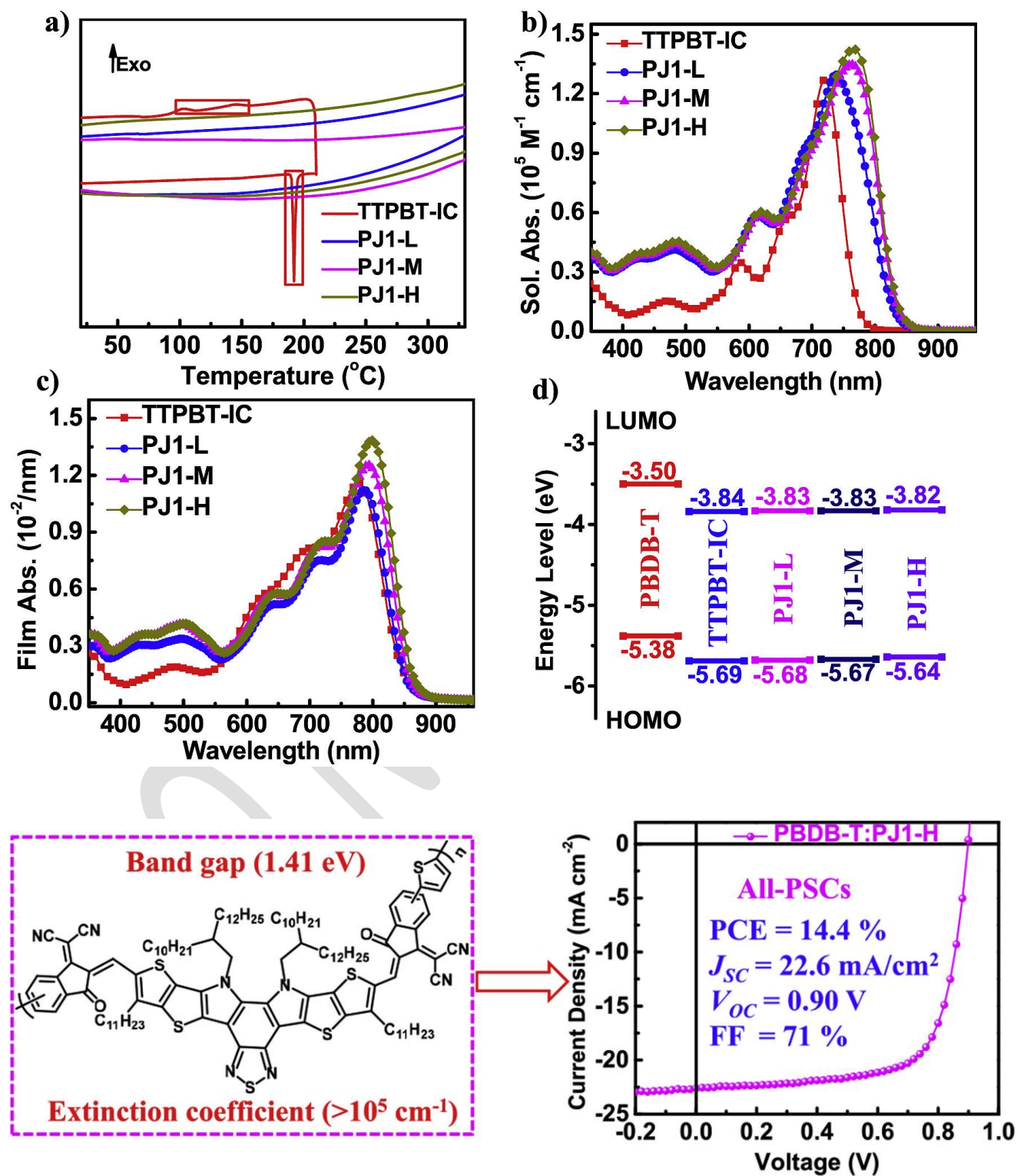


Specification:

Appearance: Dark solid
Molecular weight: Mw ~35K, PDI ~1.5 (Adjustable to your specific needs)
Reference: Nano Energy 72 (2020) 104718

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Reference Data Selection:



PJ1-L, PJ1-M and PJ1-H corresponded to low, medium and high molecular weight, respectively.