

Benzodipyrrolidone (BDP)-Based Polymer  
Semiconductors Containing a Series of Chalcogen  
Atoms: Comprehensive Investigation of the Effect  
of Heteroaromatic Blocks on Intrinsic  
Semiconducting Properties

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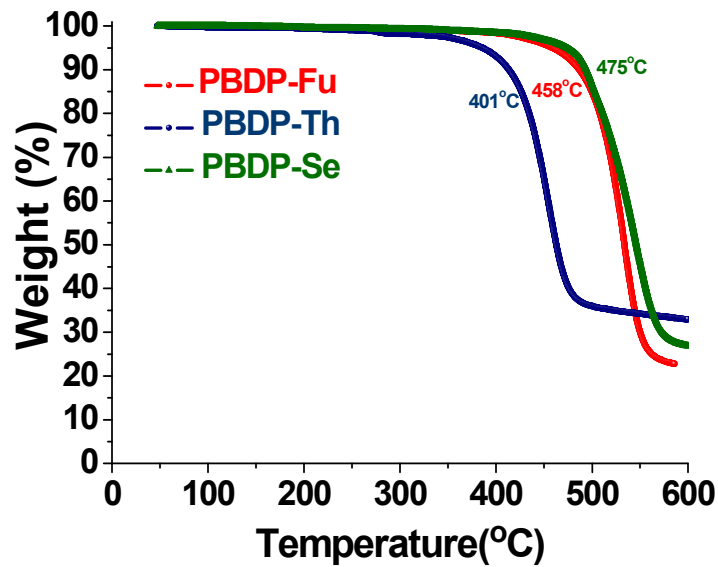
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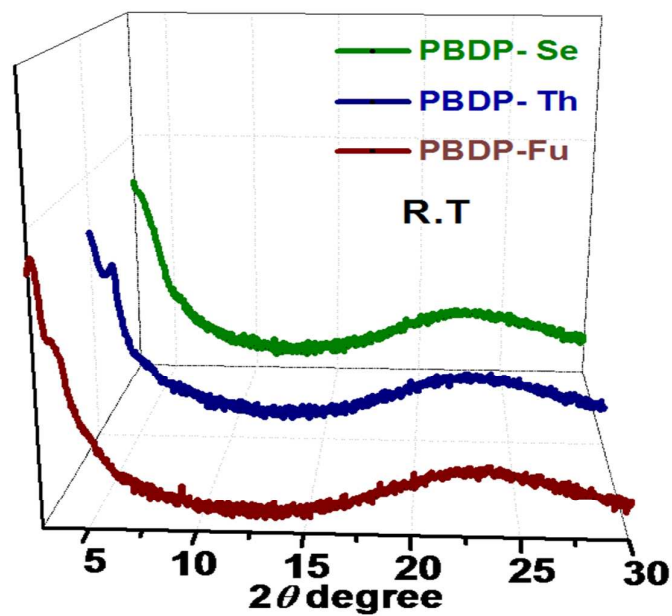
**Table of Contents**

Page number

• TGA plots of BDP-based polymers	S2
• XRD data at ambient temperature	S2



**Figure S1.** TGA plots of BDP-based polymers with a heating rate of 10 °C/min in N<sub>2</sub> atmosphere.



**Figure S2.** Out-of-plane X-ray diffraction (XRD) patterns of BDP-based polymer films at ambient temperature