

# Synthesis of donor-acceptor copolymers based on anthracene derivatives for polymer solar cells

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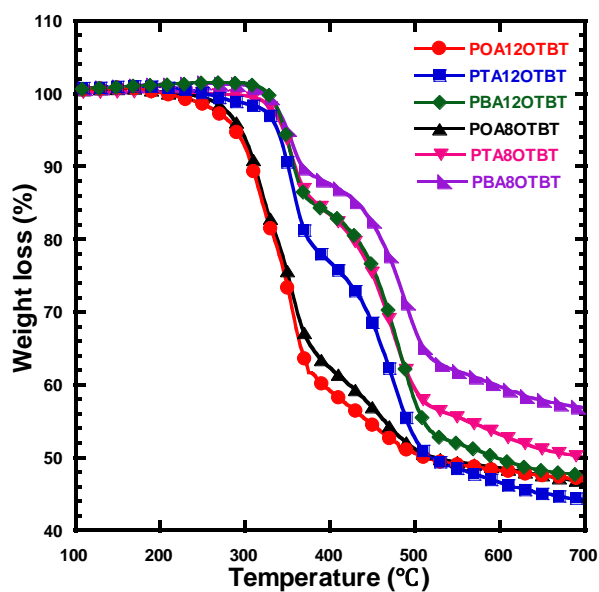


Figure S1. TG plots of POA12OTBT, PTA12OTBT, PBA12OTBT, POA8OTBT, PTA8OTBT, and PBA8OTBT

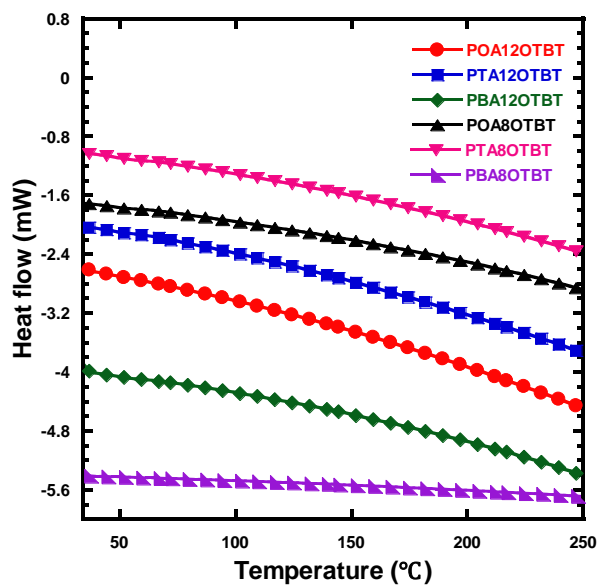
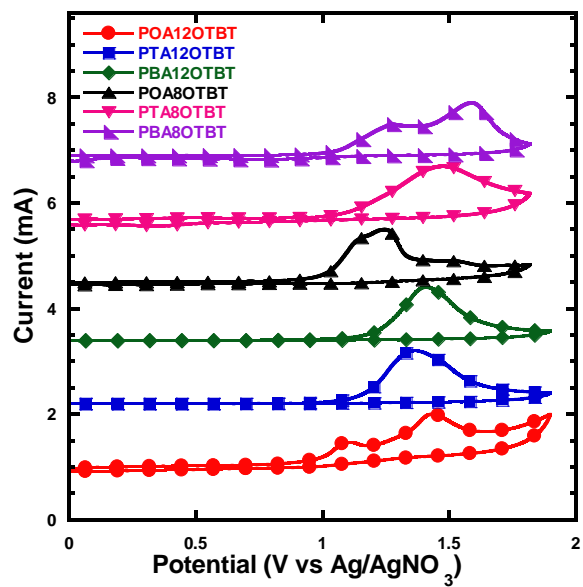


Figure S2. DSC plots of POA12OTBT, PTA12OTBT, PBA12OTBT, POA8OTBT, PTA8OTBT, and PBA8OTBT



**Figure S3.** Cyclic voltammograms of the copolymers films measured in 0.1 M Bu<sub>4</sub>NPF<sub>6</sub> in acetonitrile at a scan rate of 50 mVs<sup>-1</sup>.