

Figure S1 The $^1\text{H-NMR}$ spectra of monomers (BATB and BATO).

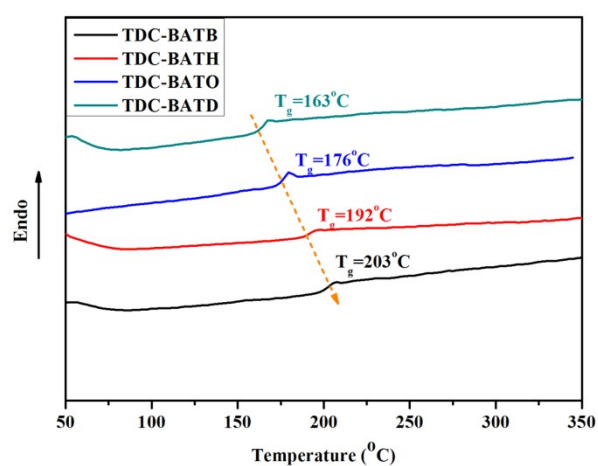


Figure S2 The DSC curves of TDC-BATB, TDC-BATH, TDC-BATO and TDC-BATD at a heating rate of $10^{\circ}\text{C}/\text{min}$ in N_2 .

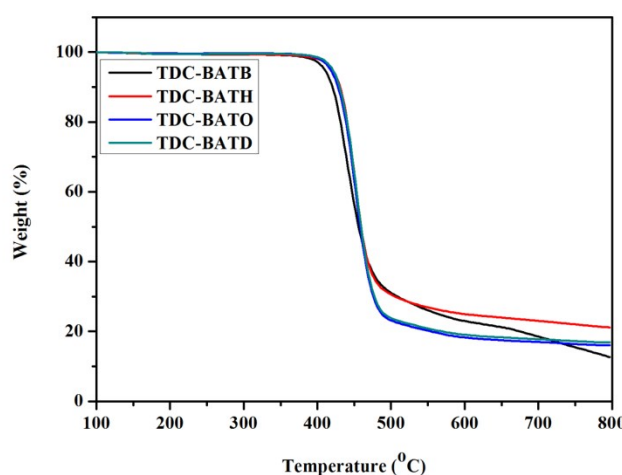


Figure S3 The TGA curves of TDC-BATB, TDC-BATH, TDC-BATO and TDC-BATD at a heating rate of $10^{\circ}\text{C}/\text{min}$ in N_2 .