

## Reaction strategies of bisphenol A derivatives to regulate the microstructure of polyarylates: Synthesis of bisphenol S/bisphenol A random polyarylates and block polyarylates

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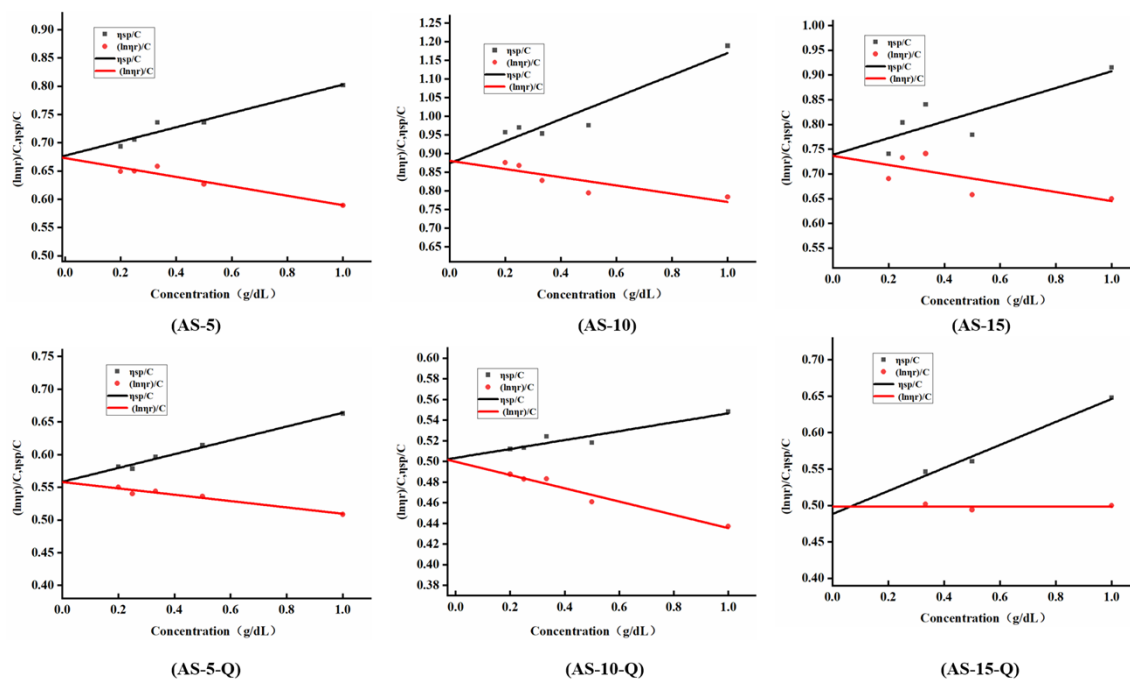
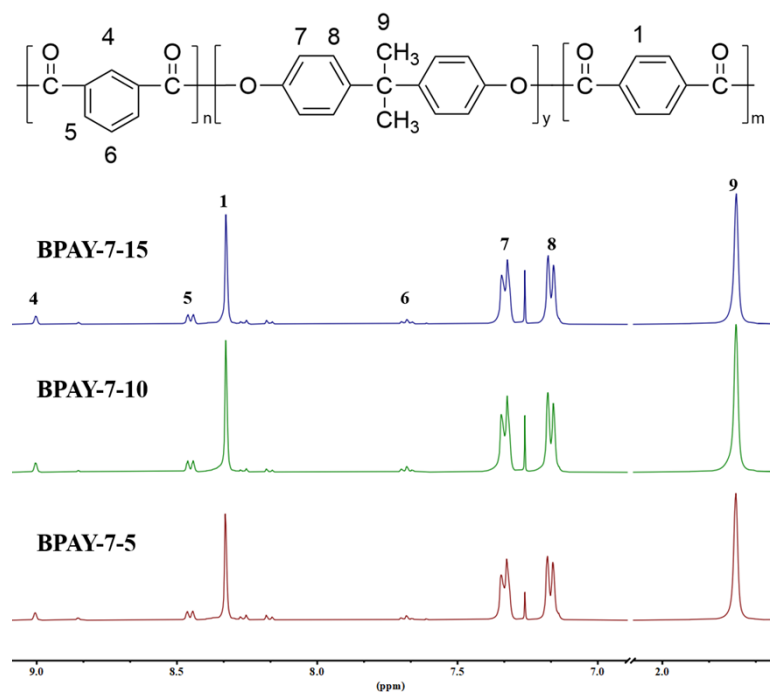
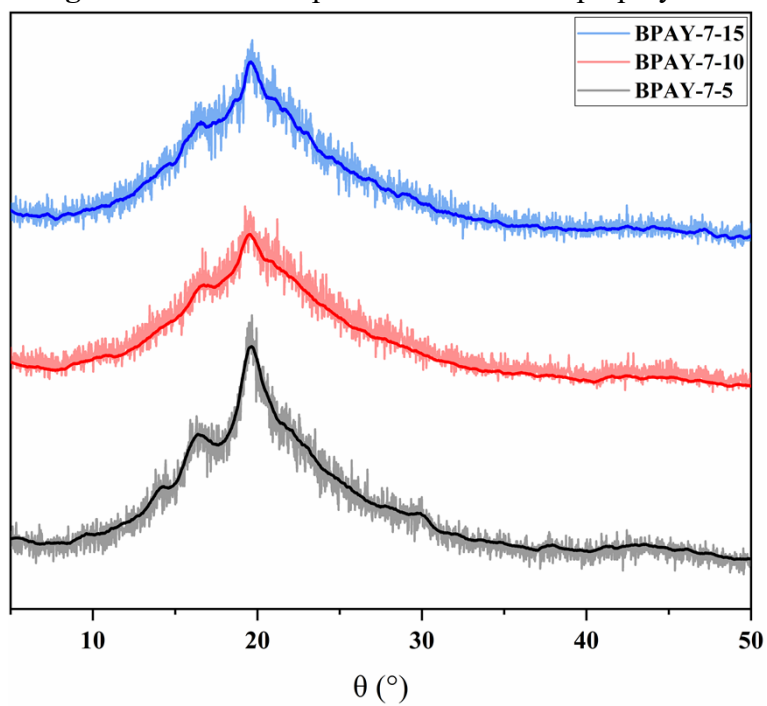


Figure S1 Ubbelohde Viscosity Curve for random polyarylates and block polyarylates

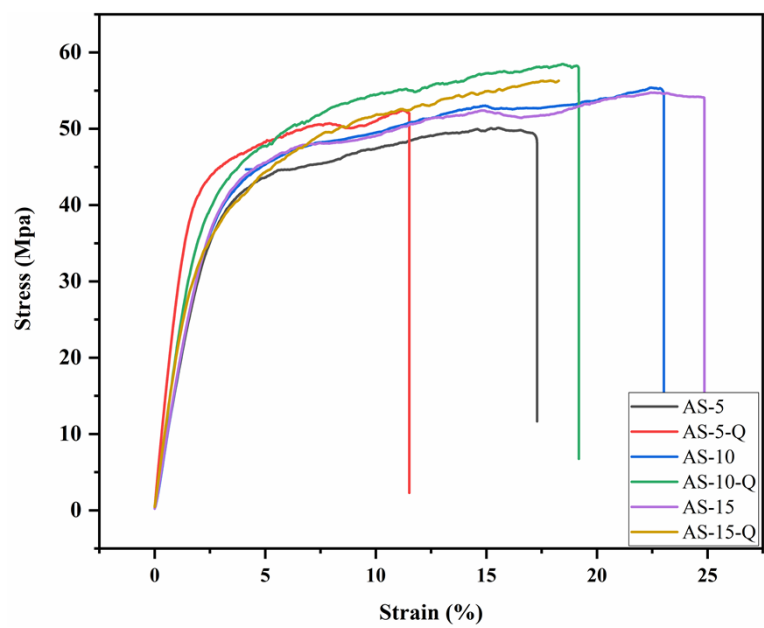
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**Figure S2**  $^1\text{H NMR}$  spectrum of the BPA prepolymers



**Figure S3** WAXRD diffraction patterns of the BPA prepolymers



**Figure S4** Film Stretch Curve for random polyarylates and block polyarylates