Supporting Information

Investigation on the Effects of Bridging Groups in Aromatic Diphenol-Based Benzoxazines: Curing Reaction and H-bonds

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Supplementary Figures



Figure S1. FTIR spectra of benzoxazine monomers (a) BPT-an, (b) BPS-an, (c)

BPAF-an







Figure S3. Molecular mass spectrum of BPS-an







Figure S5. DSC curves of PBT-an at different heating rates under flow nitrogen protection



Figure S6. DSC curves of PBS-an at different heating rates under flow nitrogen protection



Figure S7. DSC curves of PBAF-an at different heating rates under flow nitrogen protection



Figure S8. Partially magnified ¹H NMR spectra of BPT-an, BPS-an and BPAF-an



Figure S9. DTG curves of *poly*(PBT-an) at different heating rates under flow nitrogen

protection



Figure S10. DTG curves of poly(PBS-an) at different heating rates under flow nitrogen

protection



Figure S11. DTG curves of *poly*(PBAF-an) at different heating rates under flow nitrogen

protection



Figure S12. Normalized FTIR spectra of all the poly(BPT-an) at various temperatures



Figure S13. Normalized FTIR spectra of all the *poly*(BPS-an) at various temperatures



Figure S14. Normalized FTIR spectra of all the poly(BPAF-an) at various temperatures