

## Supporting Information

### The robustness of thermoset of main-chain type polybenzoxazine precursor prepared through a strategy of A-A and B-B polycondensation

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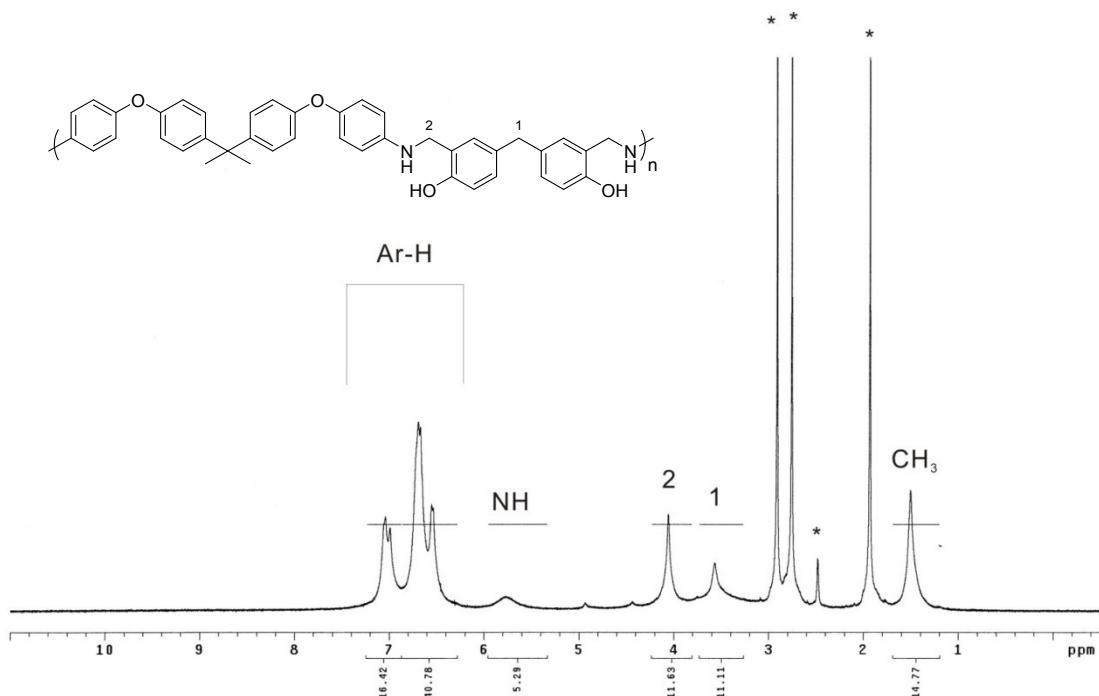


Figure S1. <sup>1</sup>H-NMR spectrum of pre-P(BF-bapp)-1 in DMSO-*d*<sub>6</sub>.

Table S1. Solvent effect on the synthesis of P(BF-bapp)-2.

Run	Solvent	Time (h)	Temperature (°C)	Reaction Status
1	Chloroform	5	60 (reflux)	gelation
2	1,4-Dioxane	2	80	gelation
3	Toluene	0.5	80	gelation
4	Toluene/Ethanol (2/1, v/v)	15	80	homogeneity

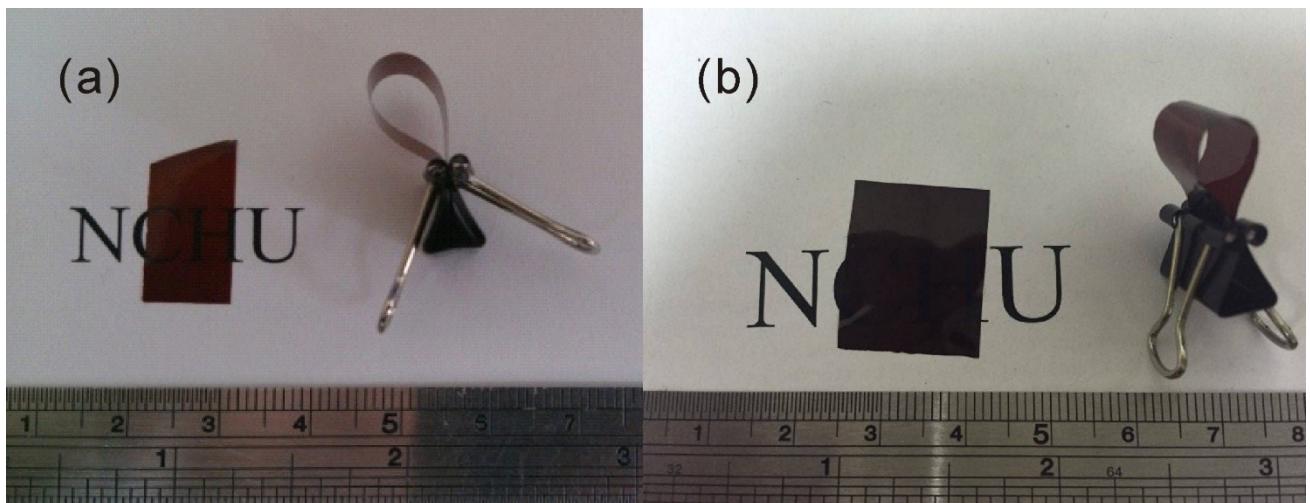


Figure S2. Photos of (a) C-P(BF-bapp)-1 and (b) C-P(BF-bapp)-2.