

Electronic supplementary information

Associative behavior of polyimide/cyclohexanone solutions

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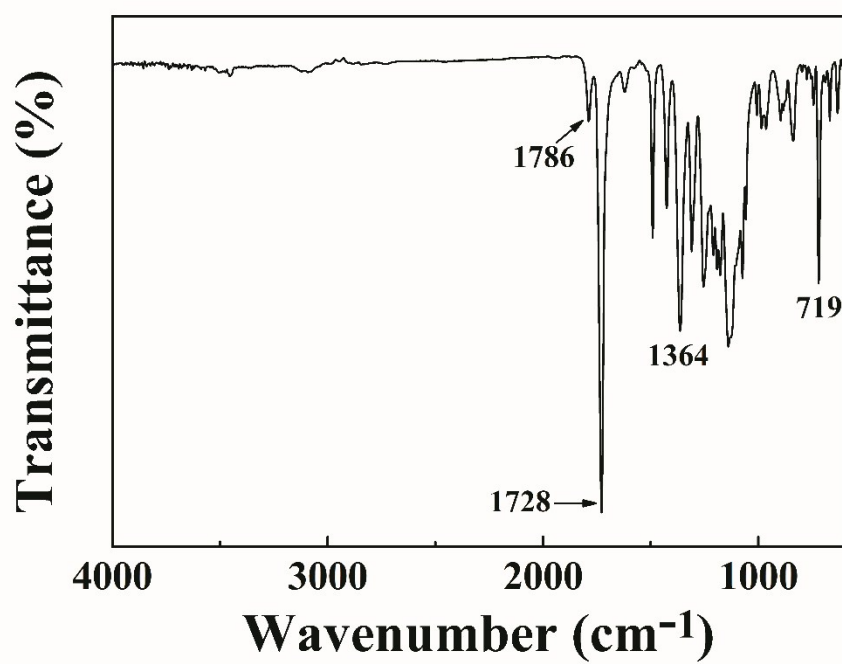


Fig. S1 FTIR spectrum of 6FDA-TFDB PI sample.

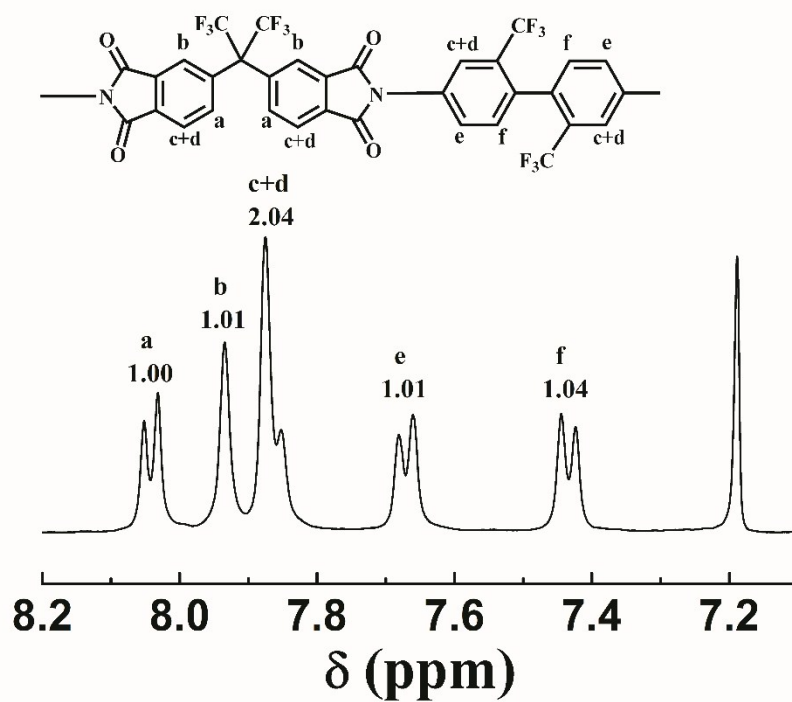
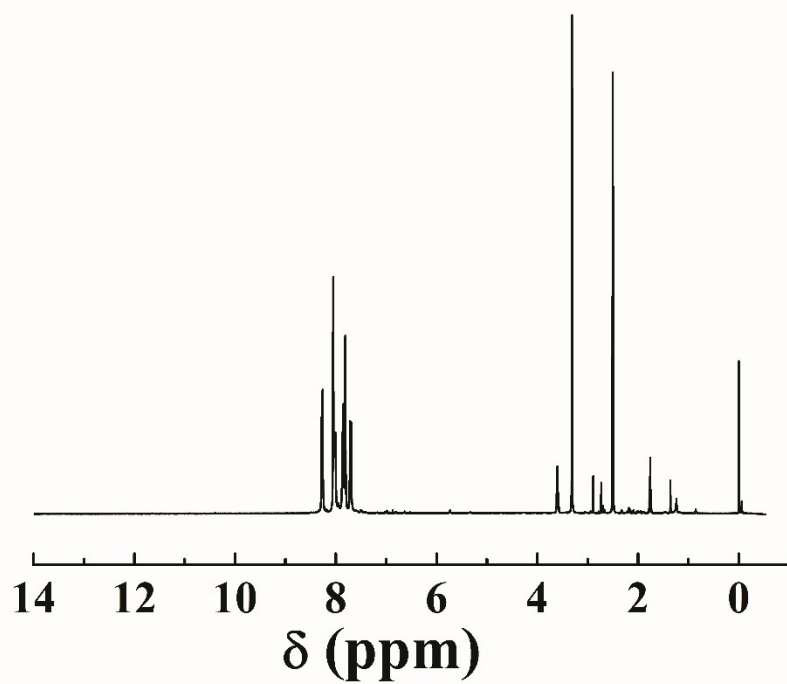


Fig. S2 $^1\text{H-NMR}$ spectra of 6FDA-TFDB PI sample.

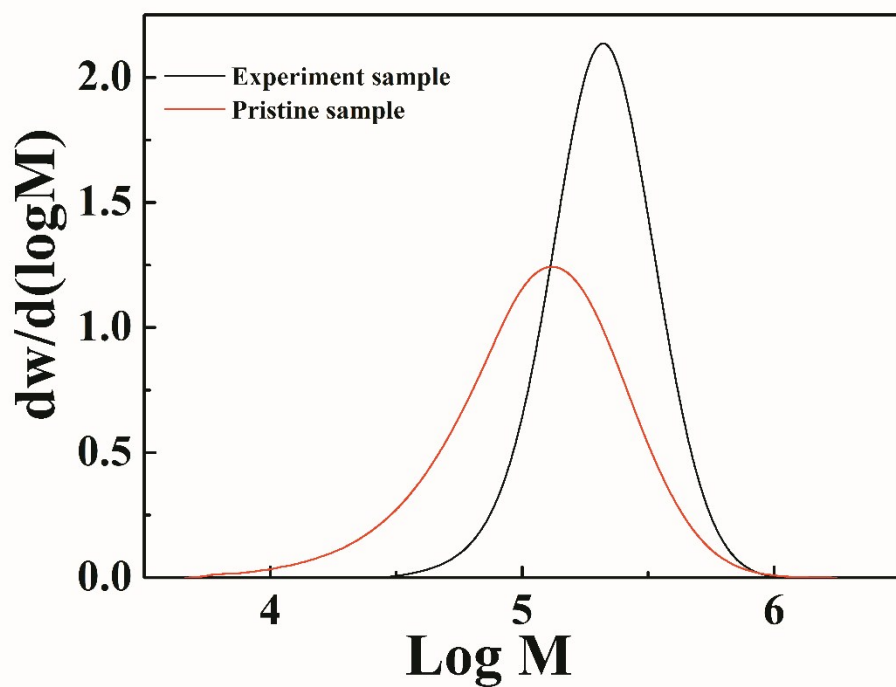
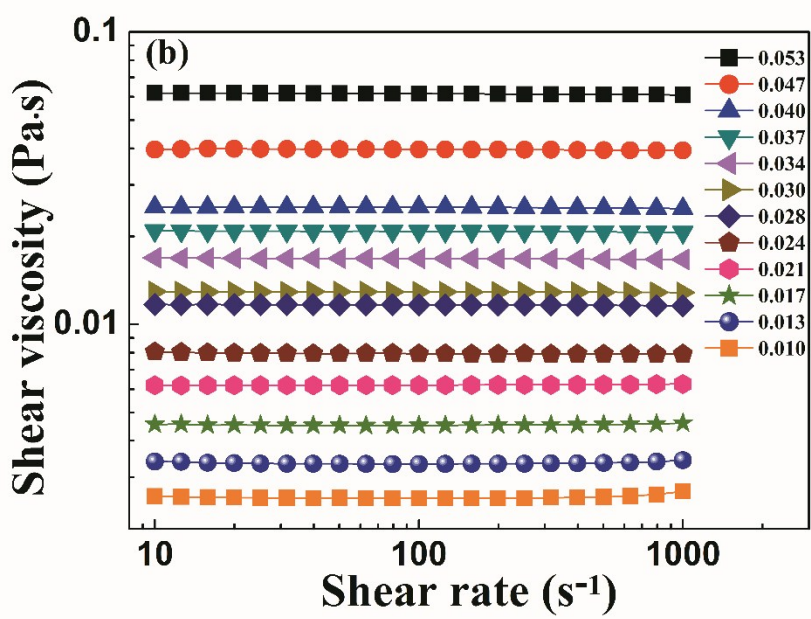
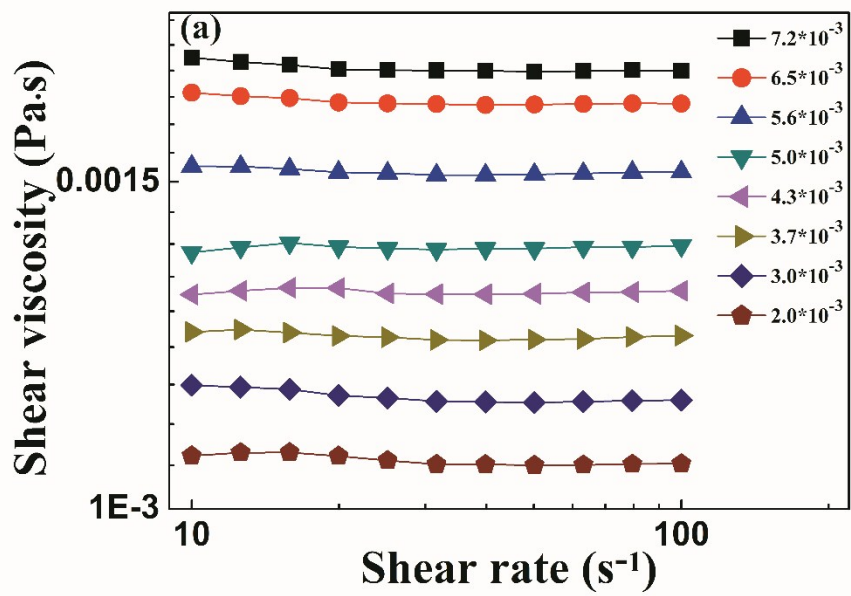


Fig. S3 Molecular weight distribution of pristine sample and experiment sample (SEC-RI).



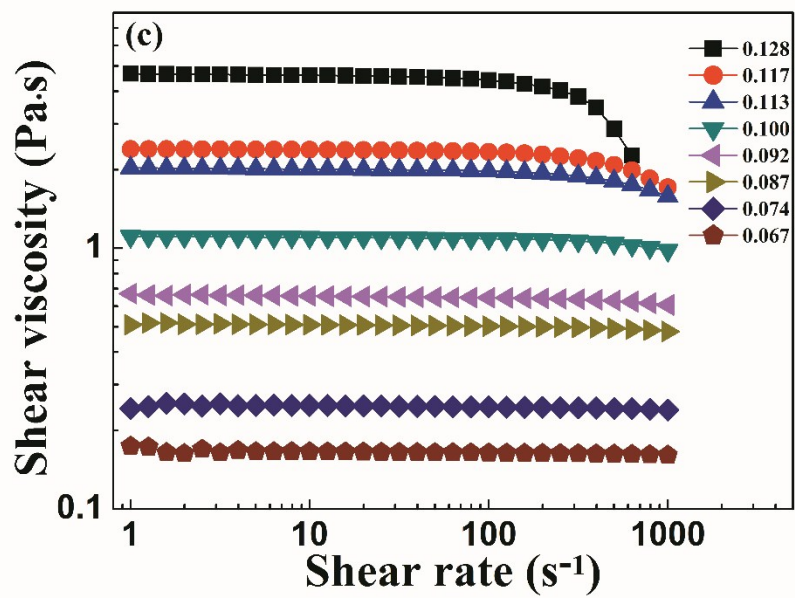


Fig. S4 Shear viscosity against shear rate of PI/DMF solutions with different volume fractions, 2.0×10^{-3} – 7.2×10^{-3} (a), 0.010–0.053 (b), 0.067–0.128 (c).