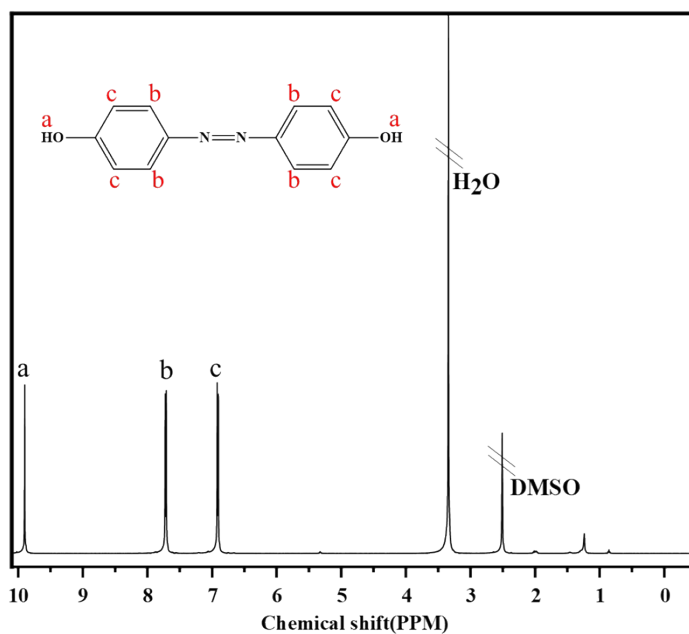
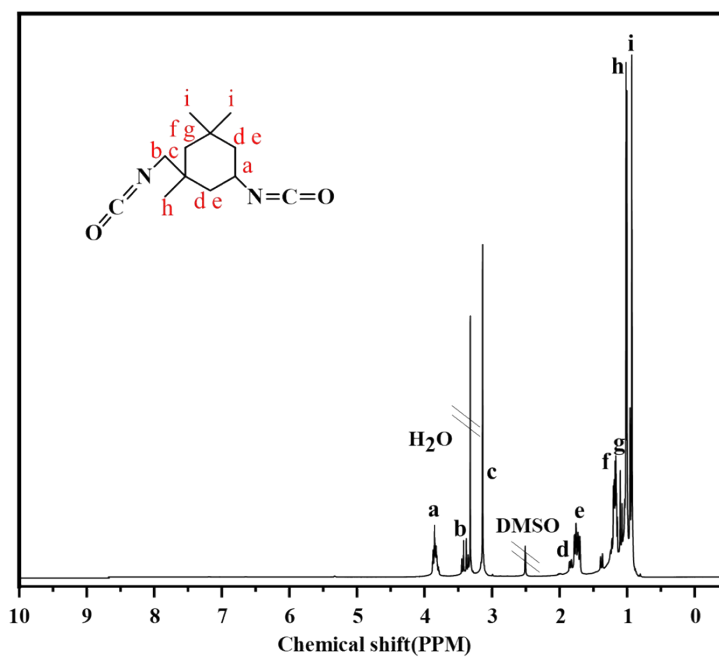


Supplementary Information

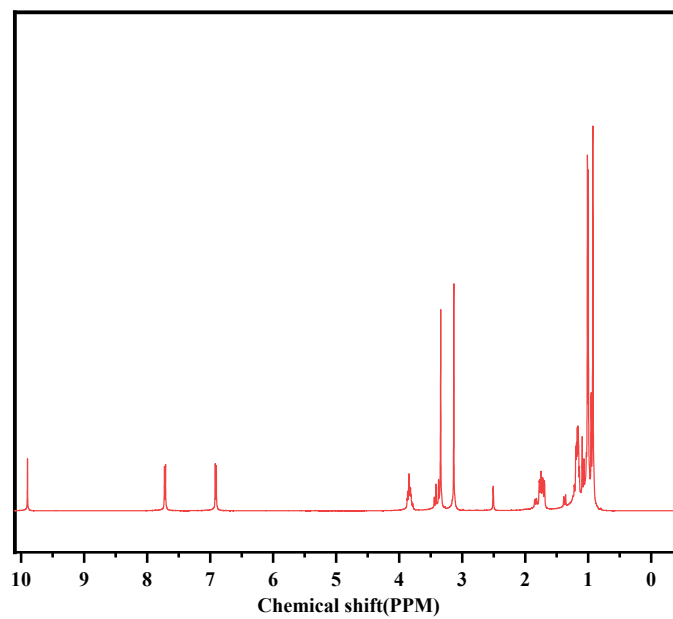
S1. ¹H-NMR spectra of Azobis



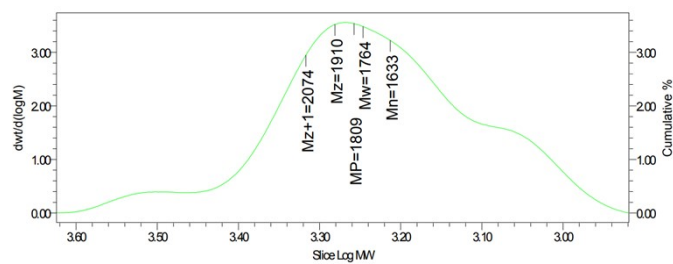
S2. ¹H-NMR spectra of IPDI



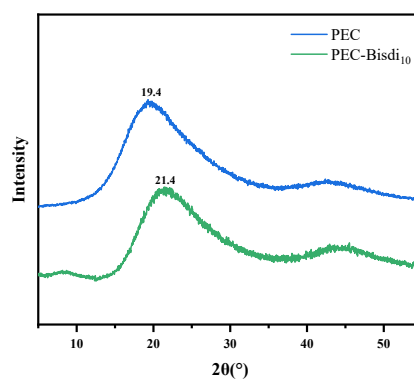
S3. $^1\text{H-NMR}$ spectra of mixture of Azobis and IPDI



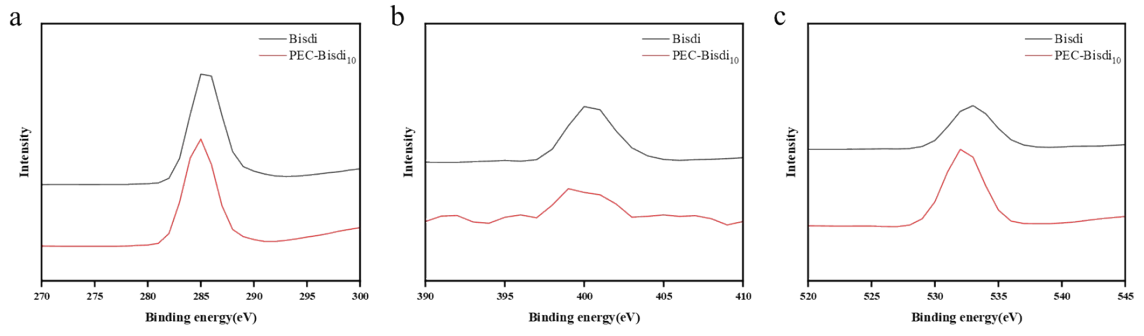
S4. GPC image of Bisdi



S5. XRD patterns of PEC and PEC-Bisdi₁₀



S6. Localized magnified XPS spectra (a: C 1s. b: N 1s. c: O 1s)



S7. Schematic diagram of different infill patterns printing paths

