

Fig. S1 Structures of monomers and reagents used in the study.

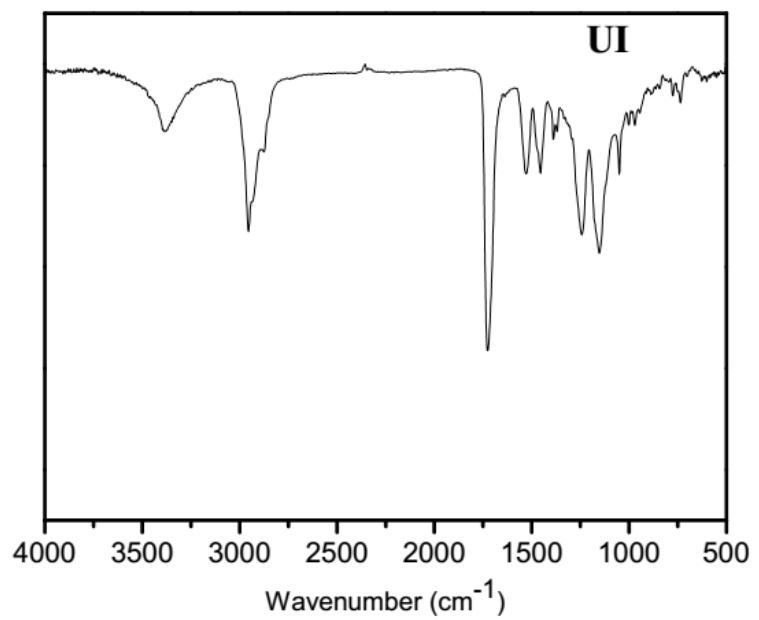


Fig. S2 The FTIR spectra of UI.

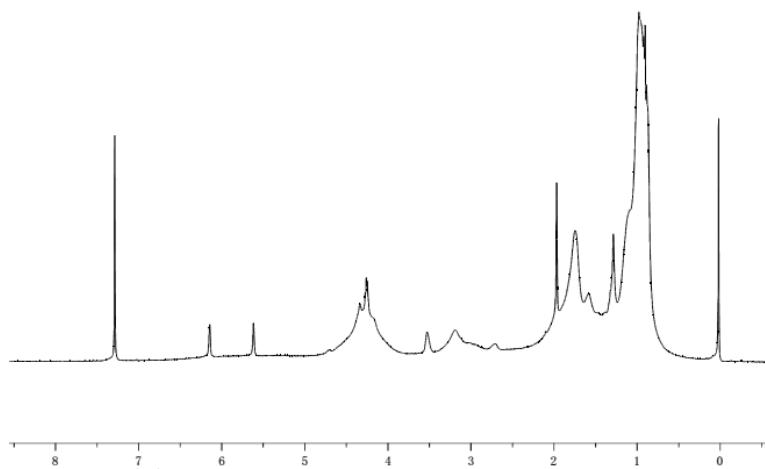


Fig. S3 ${}^1\text{H}$ NMR spectra of UI.

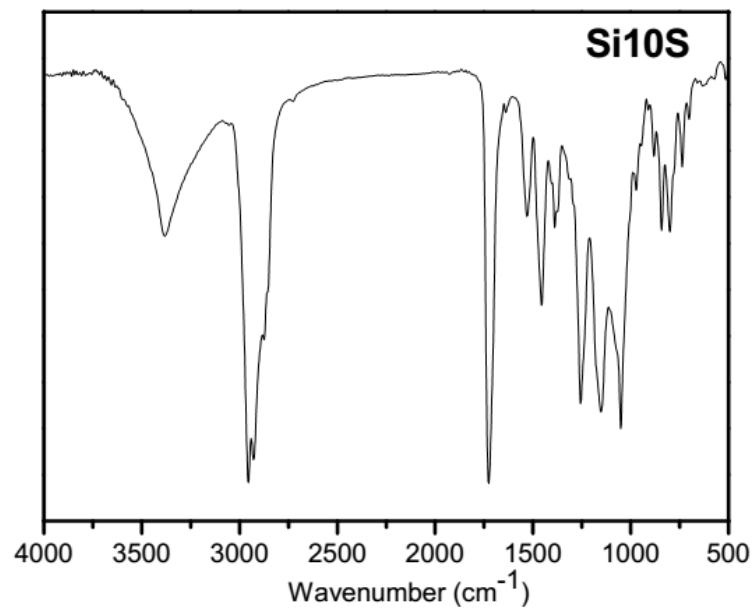


Fig. S4 The FTIR spectra of Si10S.

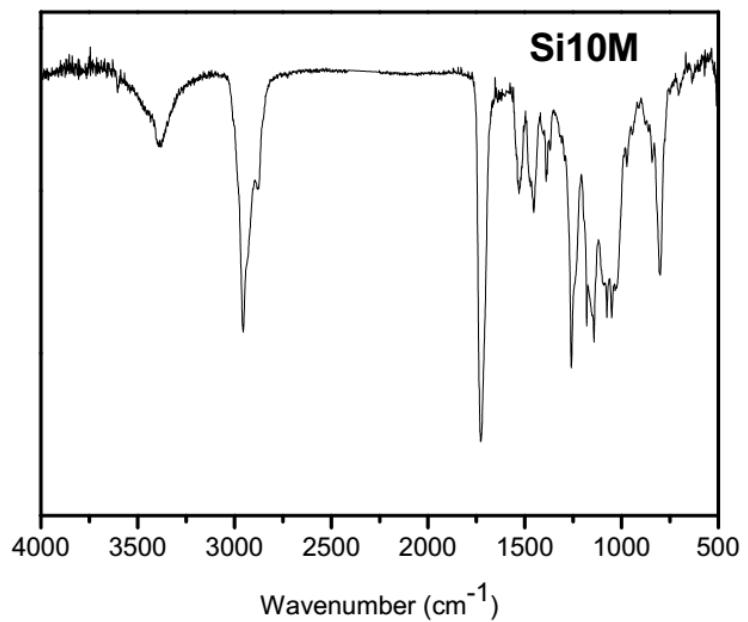


Fig. S5 The FTIR spectra of Si10M.

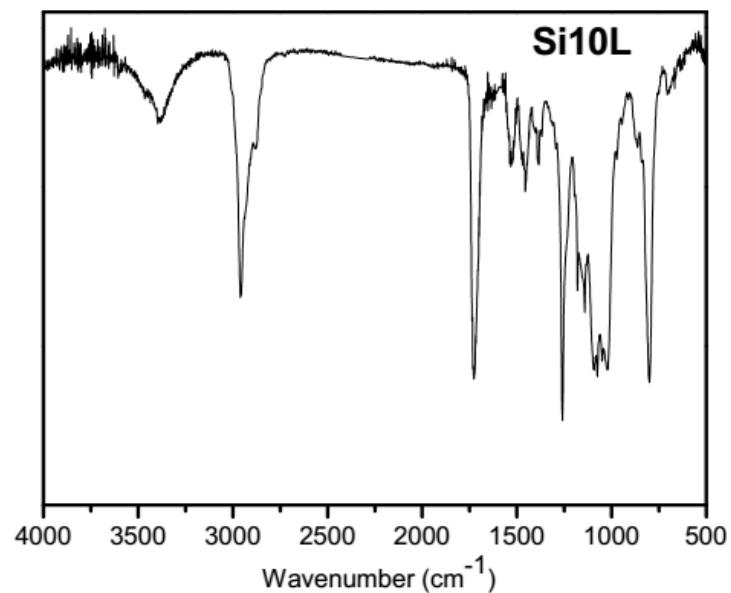


Fig. S6 The FTIR spectra of Si10L.

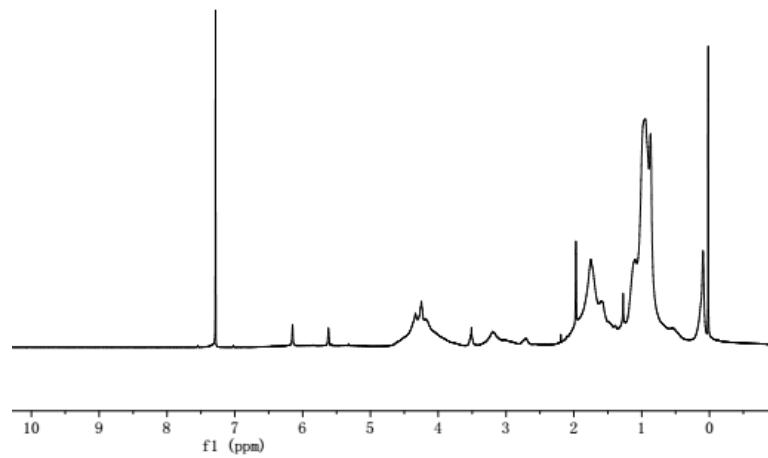


Fig. S7 ¹H NMR spectra of Si10S.

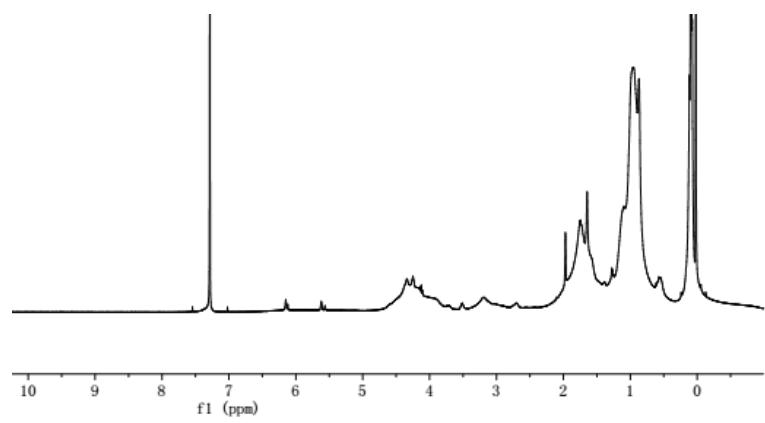


Fig. S8 ¹H NMR spectra of Si10M.

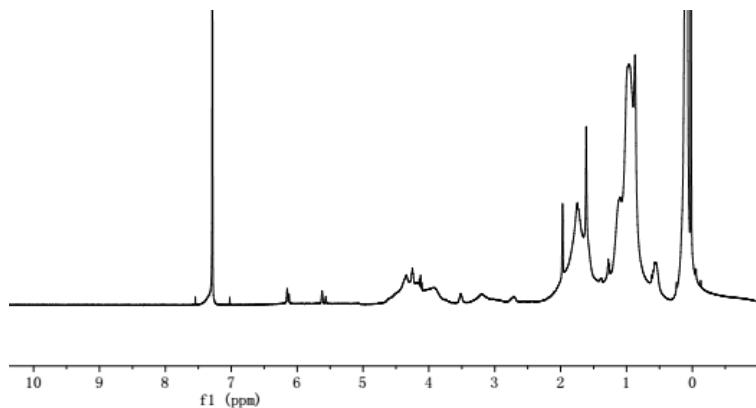


Fig. S9 ¹H NMR spectra of Si10L.

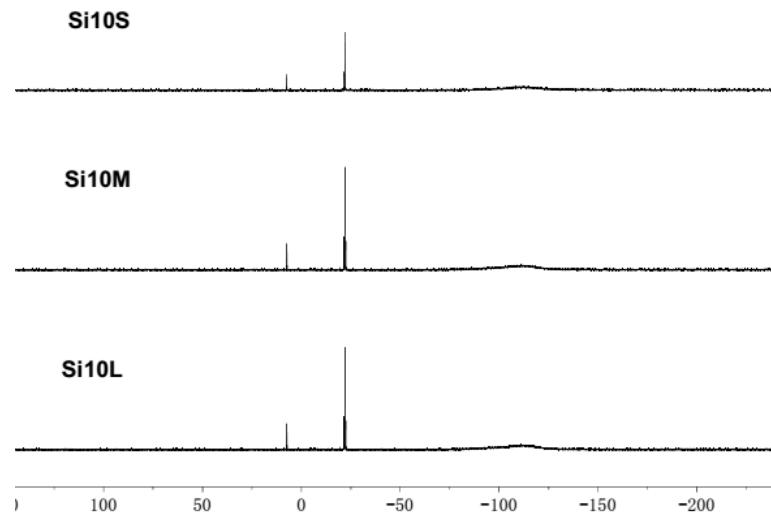


Fig. S10 ^{29}Si NMR spectra of Si10S/M/L.

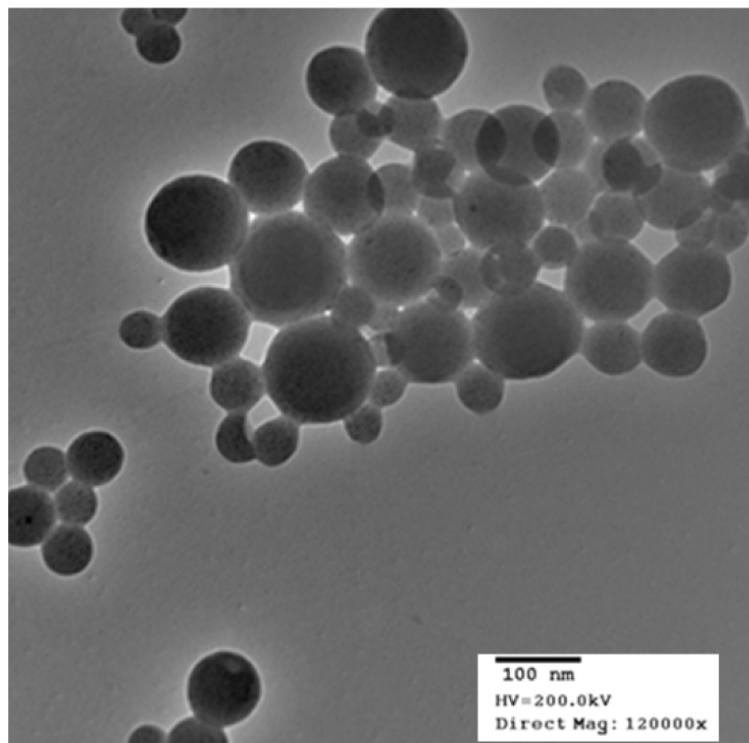


Fig. S11 Transmission electron micrograph of UI.