

Figure S1. ATR / FT-IR spectrum of F98(Acr)₂

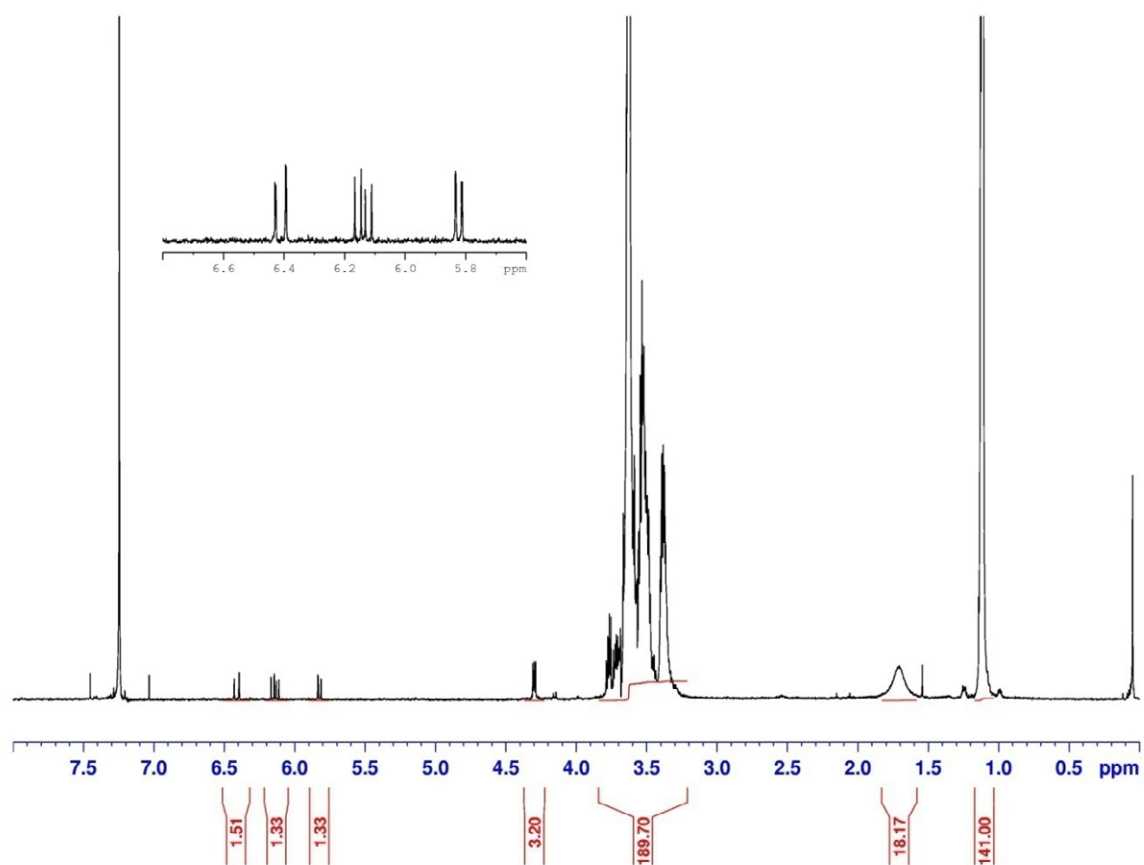


Figure S2. ¹H NMR spectrum of F98(Acr)₂

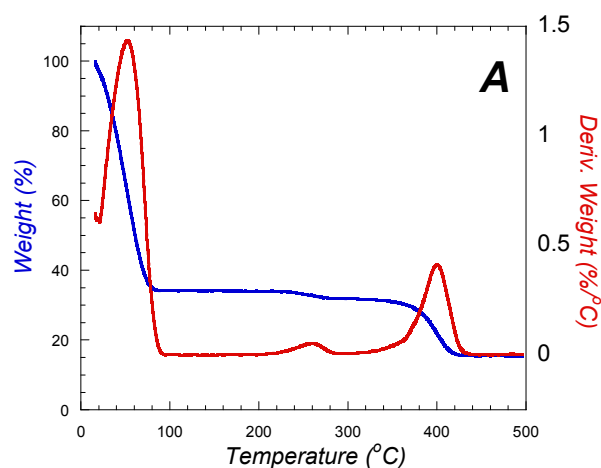


Figure S3A. Fast scan (10°C/min) TGA collected on the F98(Acr)₂ aqueous dispersion under a N₂ atmosphere, weight % (blue) and derivative weight loss, DTG, (red).

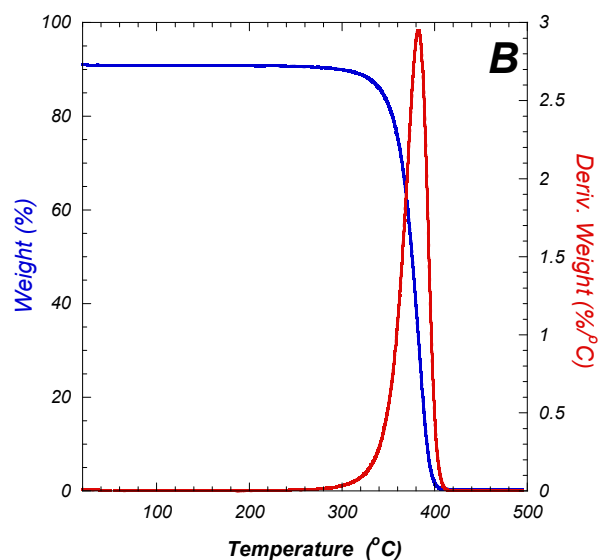


Figure S3B. Fast scan (10°C/min) TGA collected on the F98 solid polymer under a N₂ atmosphere, weight % (blue) and derivative weight loss, DTG, (red).

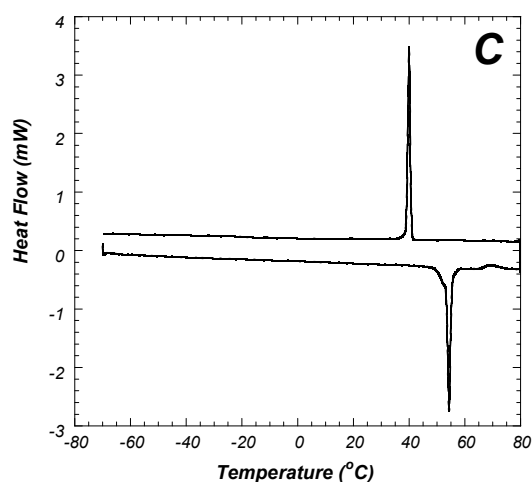


Figure S3C. Second heating scan (2°C/min) collected on the diacrylate end-functionalized triblock copolymer reconstituted complex fluid prior to UV irradiation.

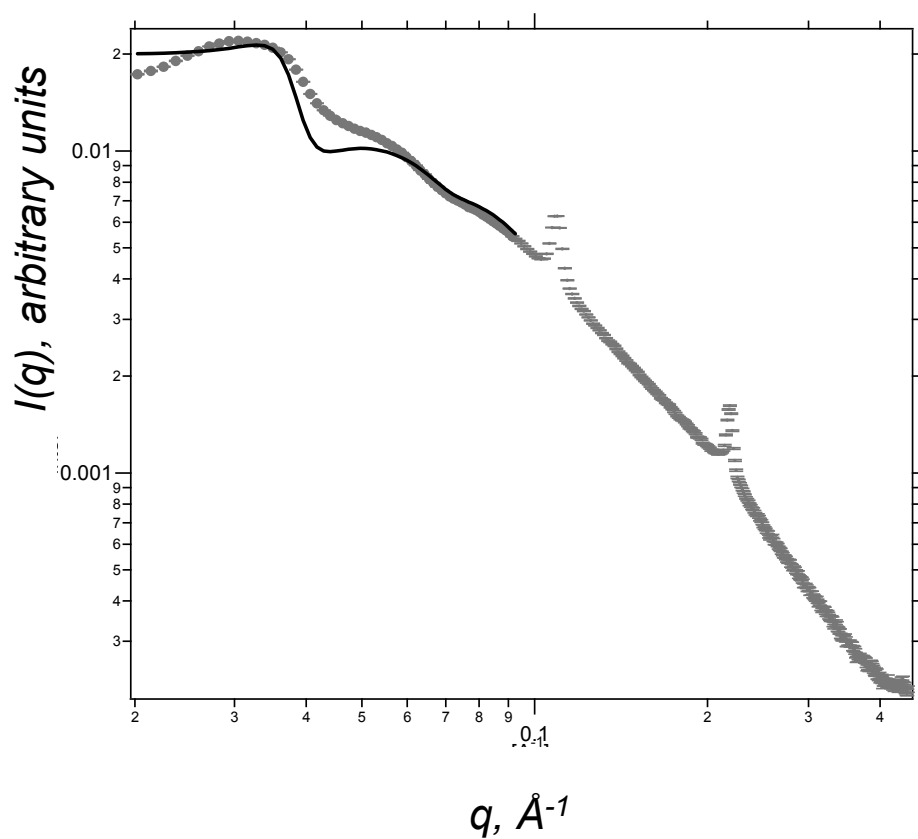


Figure S4. Non-linear least squares fit to low q SAXS pattern collected on a photocrosslinked aqueous dispersion of F98(Acr)₂ (23 % w/w) at 35 °C.

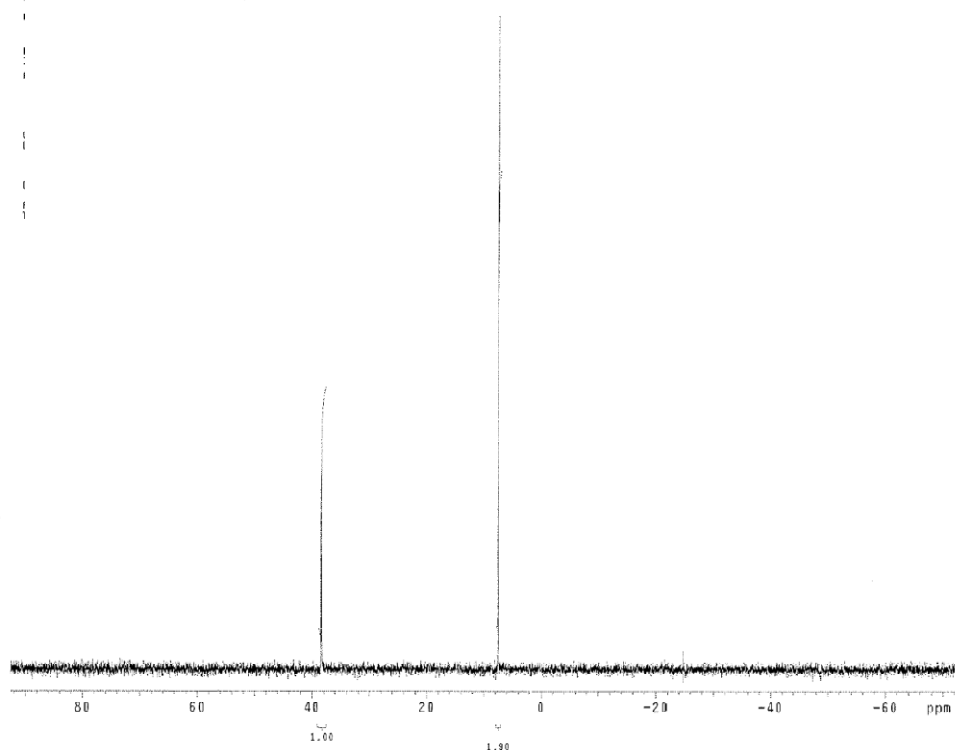


Figure S5. Representative ^{31}P NMR spectrum collected on extract obtained by Soxhlet extraction in chloroform.