

Supplementary Information

Microstructure formation in epoxy-based systems studied using Small Angle Neutron Scattering

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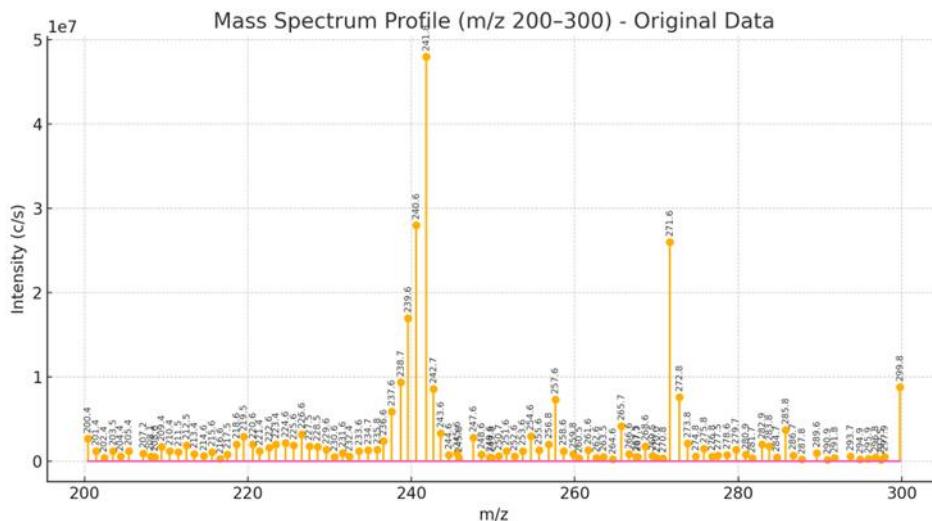


Figure S1. Mass Spectrum Profile (m/z 200–300) of the deuterated IL with Peak Labels.

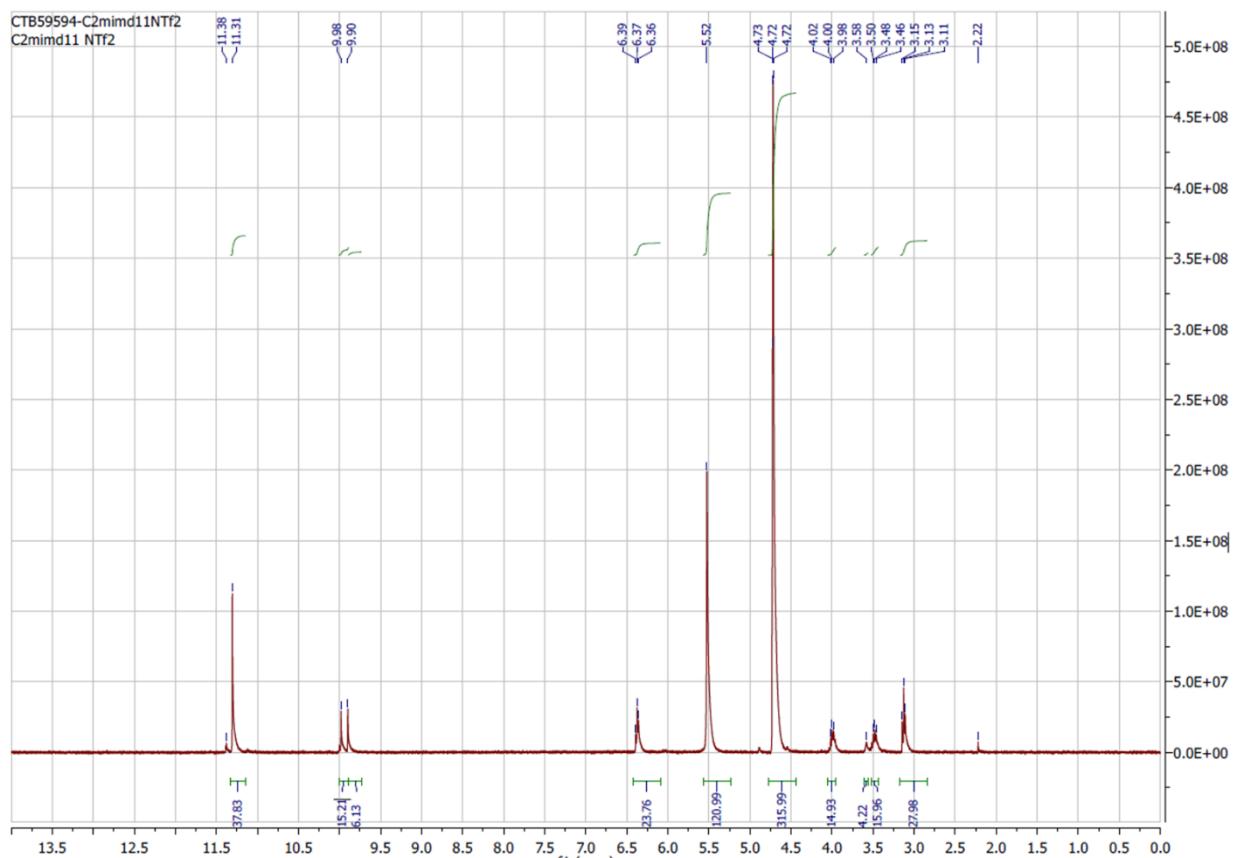


Fig S2. ^1H NMR spectra of the d-IL in d-DMSO.

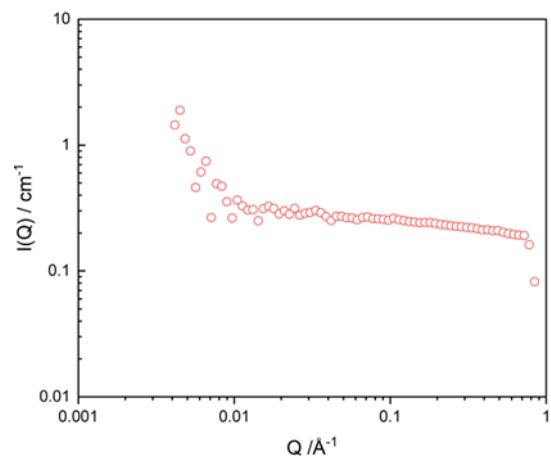


Figure S3. SANS curves for a block copolymer solution in h-IL.

Table S1. SDL values for compounds used

Chemicals	Formula	SDL/Å ⁻² × 10 ⁶
DGEBA	C ₂₁ H ₂₄ O ₄	1.29
iPDA	C ₁₀ H ₂₂ N ₄	0.657
IL	C ₈ H ₁₁ O ₄ N ₃ F ₆ S ₂	2.38
d-IL	C ₈ D ₁₁ O ₄ N ₃ F ₆ S ₂	4.88

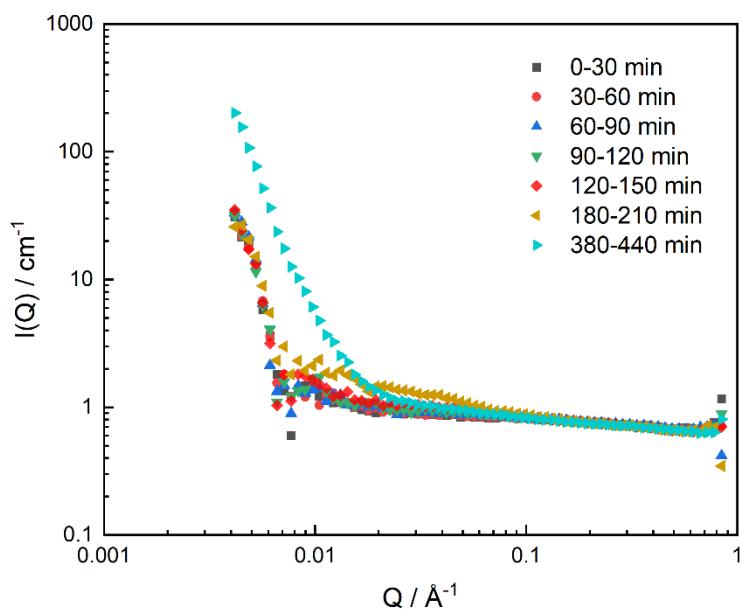


Figure S4. SANS data for EPhil as a function of curing time. The sample consists of epoxy, iPDA in a h-IL. EP:iPDA = 4:1 wt./wt.; [IL]= 40 vol%.