

Supporting Information

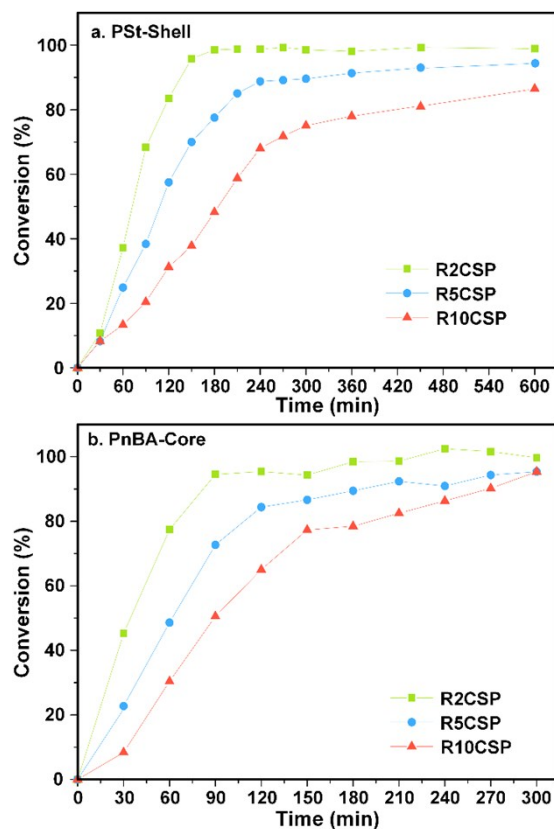


Figure S1. Conversion versus time curves of (a) styrene shell monomer, and (b) (n-butyl acrylate) core monomer.

Table S1. M_n and PDI of non-crosslinked RCSPs synthesized via RAFT emulsion polymerization.

Stage	MacroRAFT Agent		Diblock Copolymer		Triblock Copolymer	
	M_n (kDa)	Mw/Mn	M_n (kDa)	Mw/Mn	M_n (kDa)	Mw/Mn
R2CSP'	1.7	1.05	19.9	1.08	60.8	2.41
R5CSP'	4.5	1.18	23.5	1.09	64.2	2.68
R10CSP'	9.4	1.56	26.2	1.62	69.8	2.67

All data are monitored by GPC using RI detector.

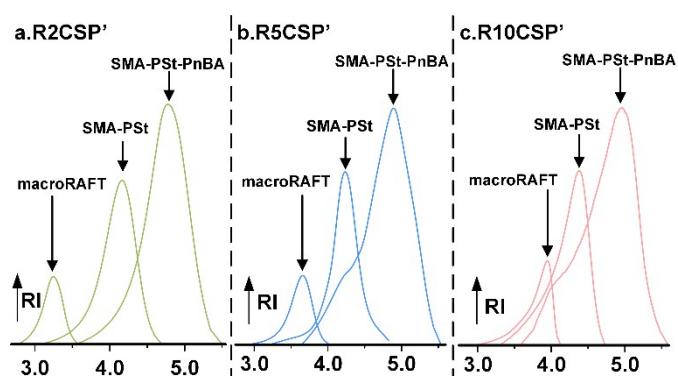


Figure S2. GPC curves before and after chain extensions during the synthesis of (a) R2CSP', (b) R5CSP', and (c) R10CSP'. The apostrophe indicate that block copolymers here are not crosslinked.

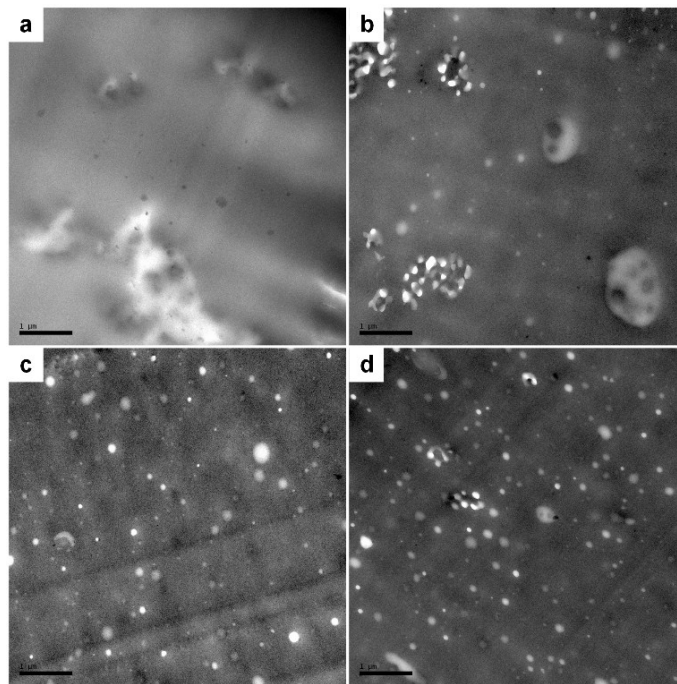


Figure S3. TEM photographs of epoxy thermosets containing 10 wt% of (a) ROCSP, (b) R2CSP, (c) R5CSP, and (d) R10CSP. Scale bar is 1000 nm.