

Ultra-strong thermoresponsive double network hydrogels

Ruochong Fei, Jason T. George, Jeehyun Park, Anna K. Means and Melissa A. Grunlan

Table S1. %Extractables of P(NIPAAm-co-AMPS) SN hydrogels prepared with higher levels of AMPS.

Notation	1 st Network ^{a, b}		% Extractables
	wt% ratio		
	NIPAAm:AMPS	mol% ratio NIPAAm: AMPS	
SN-65%	35:65	50:50	2.0 ± 1.8 %
SN-70%	30:70	44:56	0.3 ± 0.6%
SN-75%	25:75	38:62	2.0 ± 2.4%
SN-85%	15:85	24:76	3.9 ± 0.1%
SN-95%	5:95	9:91	32.2 ± 16.7%

^awt % BIS: = 4%. ^bNo 2nd network.

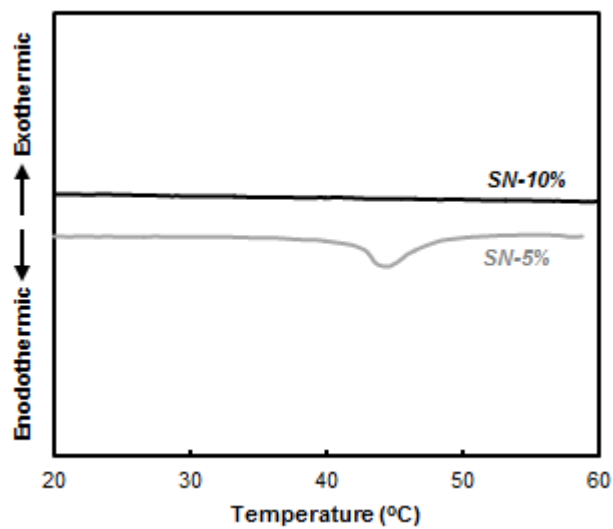


Figure S1. DSC thermograms of P(NIPAAm-co-AMPS) SN hydrogels containing 95:5 and 90:10 wt% NIPAAm:AMPS. For both hydrogels, wt% BIS = 4%.