

Electronic Supplementary Information

Double Thermo-Responsive Hydrogels from Poly(vinylcaprolactam) Containing Diblock and Triblock Copolymers.

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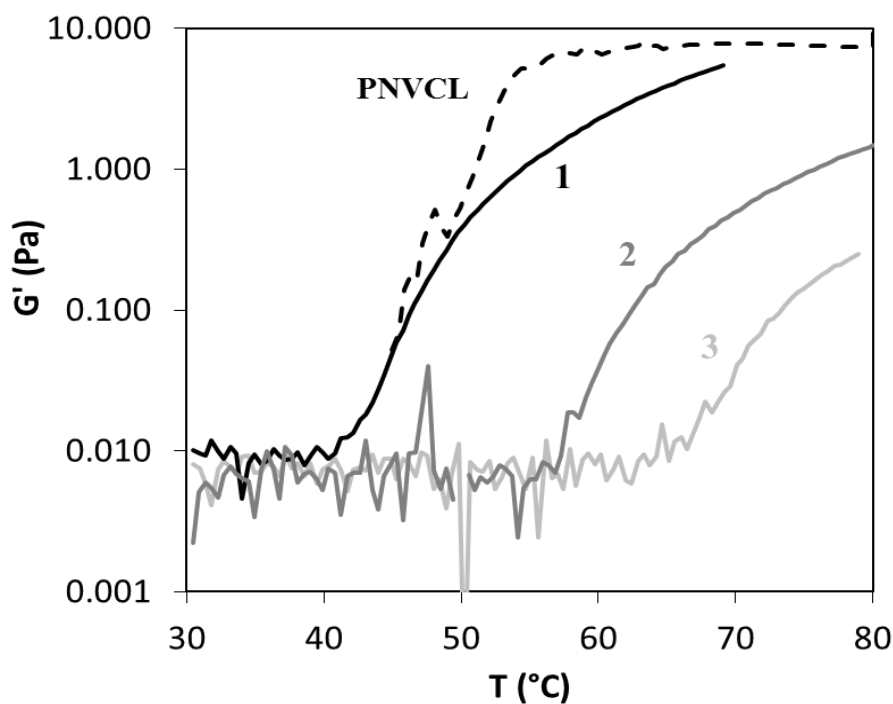


Figure S1. Storage modulus as a function of temperature for PNVCL (dotted line) and P(NVCL-*stat*-NVP) copolymers (full line) aqueous solutions at 20 wt%. Copolymer 1 (black line, NVCL content = 73 mol%), copolymer 2 (grey dark, NVCL content = 51 mol%), copolymer 3 (grey light, NVCL content = 43 mol%). For additional copolymer features see Table S1.

Table S1. Characteristics of PNVCL and P(NVCL-*stat*-NVP) (co)polymers synthesized by cobalt-mediated radical copolymerization in bulk at 40 °C.

	M_n (g/mol)	D	Copolymer composition (NVCL mol%)	T_{CP} (°C)^a
PNVCL	17500	1.31	100	38
1	24900	1.06	73	48
2	33600	1.10	51	63
3	40400	1.12	43	72

^a Cloud point temperature at 0.1 wt% in water.