

Electronic supplementary information

Synthesis of Hybrid Silica Nanoparticles Grafted with Thermoresponsive Poly(ethylene glycol) methyl ether methacrylate via AGET-ATRP

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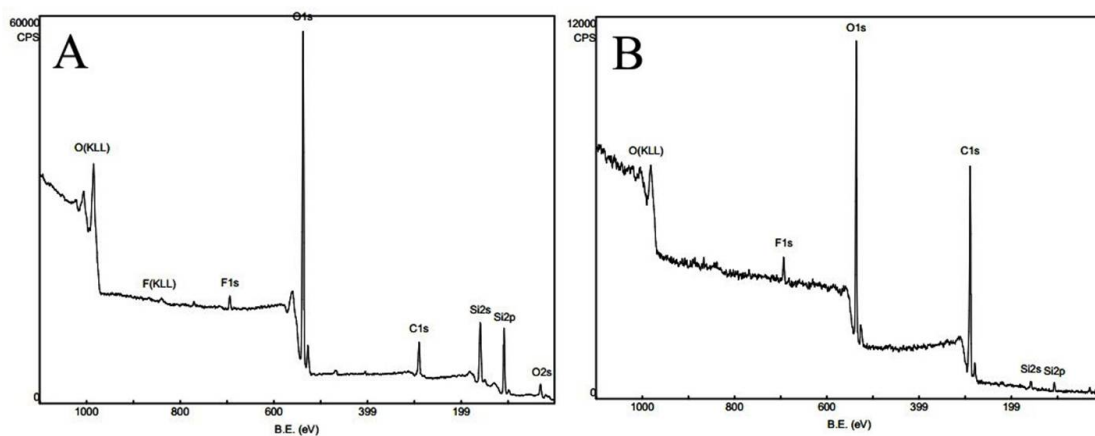


Figure S1. XPS spectra of A: wide scan of the bare SiO₂, B: wide scan of SiO₂-POEGMA₅₀₀.

Table S1 Elementary composition of the bare SiO₂

Element	CPS	S.F.	At%
F	2206.8	1	1.46
O	63379	0.66	63.59
Si	13191.7	0.25	34.94

Table S2 Elementary composition of the SiO₂-POEGMA₅₀₀

Element	CPS	S.F.	At%
F	662.1	1	1.48
O	8937.4	0.66	30.34
Si	300.6	0.29	2.32
C	7347.1	0.25	65.85

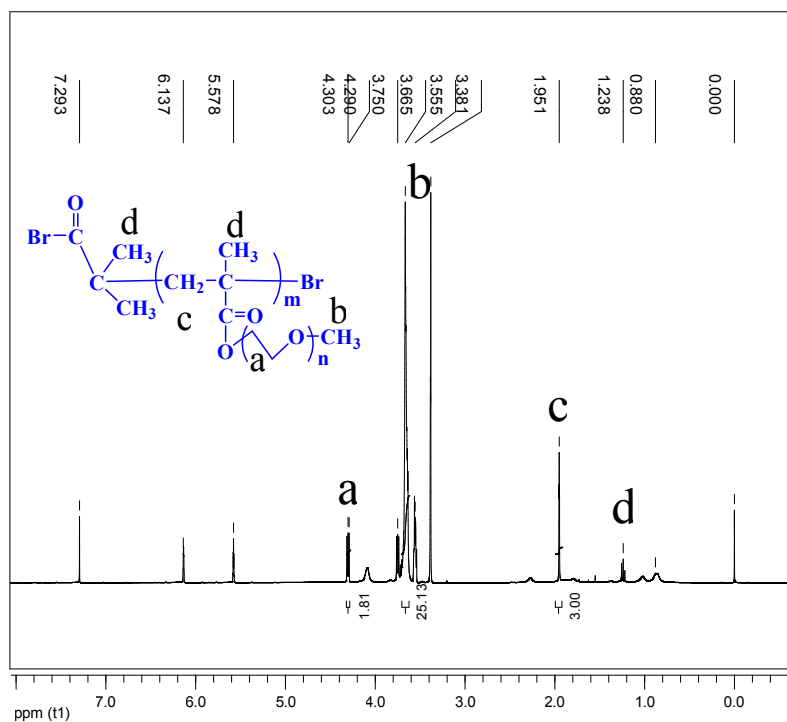


Figure S2: ¹H NMR spectrum of the polymer POEGMA₅₀₀

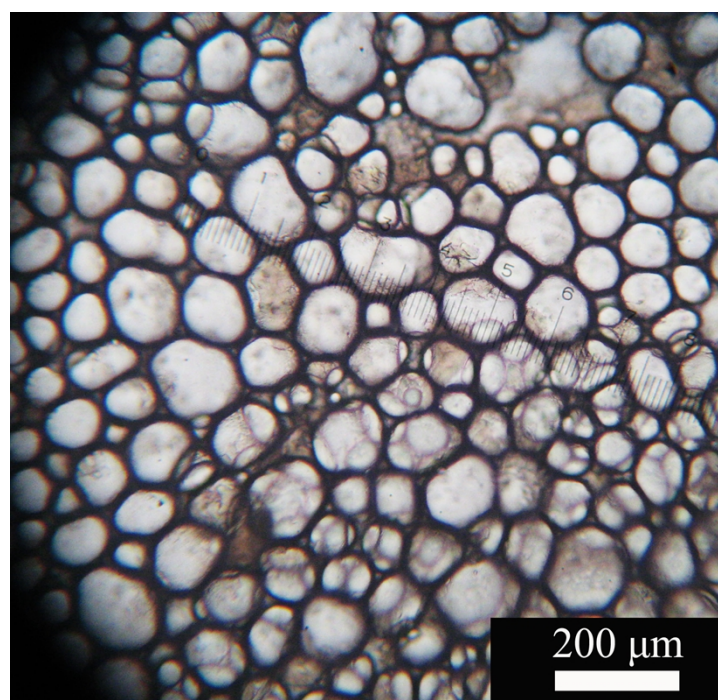


Figure S3. Microscopic image of the reemulsification of pickering emulsion.