

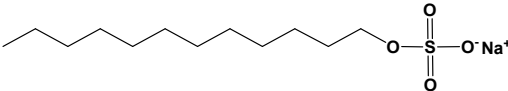
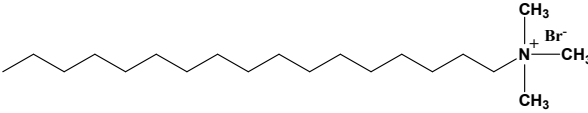
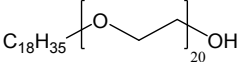
SUPPORTING INFORMATION

Table S1. SDS concentrations used in the experiments

SDS Concentration	
wt % rel to organic phase	mM
0.25	0.64
0.5	1.28
1	2.56

Critical micelle concentration (CMC) of SDS is 8 mM¹

Table S2. Chemical structures of the molecular surfactants used in the experiments

Surfactant	Structure
Sodium dodecyl sulfate (SDS)	
Hexadecyltrimethylammonium bromide (CTAB)	
Polyoxyethylene (20) oleyl ether (Brij 98)	

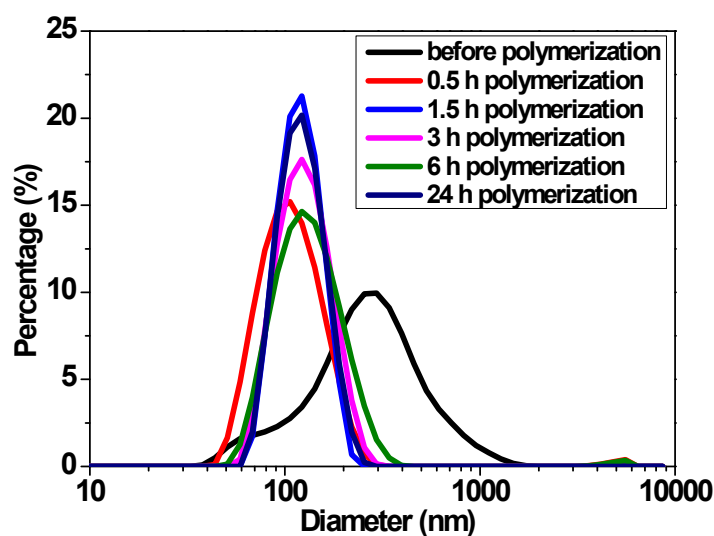


Figure S1. Intensity-average droplet/particle diameter vs time for AIBN- (0.25 M) initiated miniemulsion polymerization of St with GO (2.5 wt% rel. to St) in the presence of SDS (0.5 wt %) (recipe E1 in Table 1).

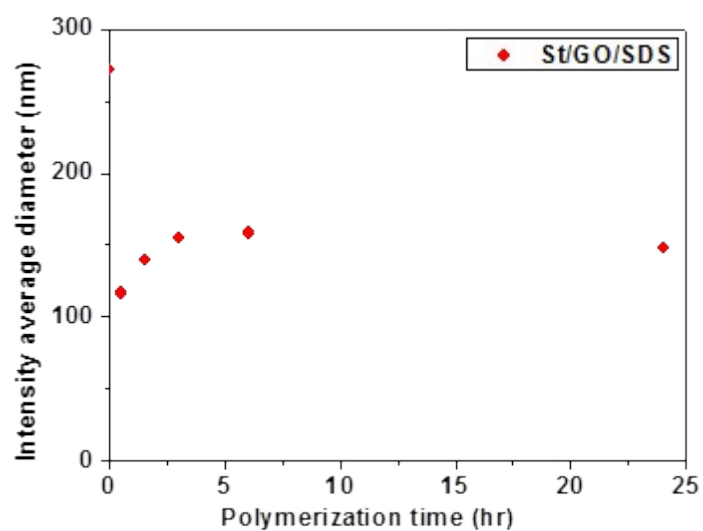


Figure S2. Intensity-average droplet/particle diameter vs time for AIBN- (0.025 M) initiated miniemulsion polymerization of St/GO in the presence of SDS (0.5 wt %) (recipe E1 in Table 1)

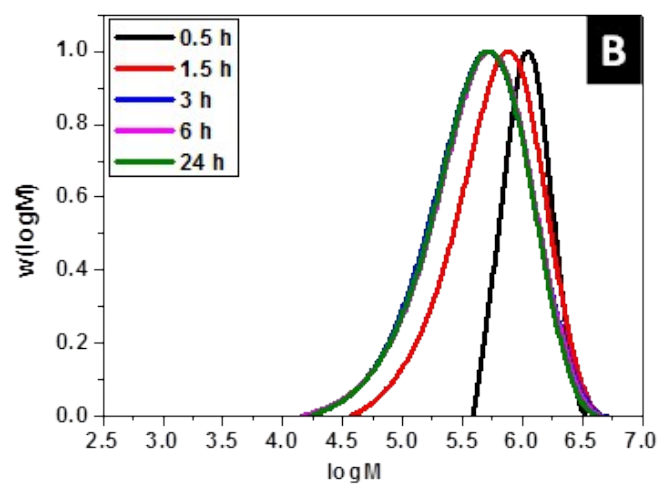
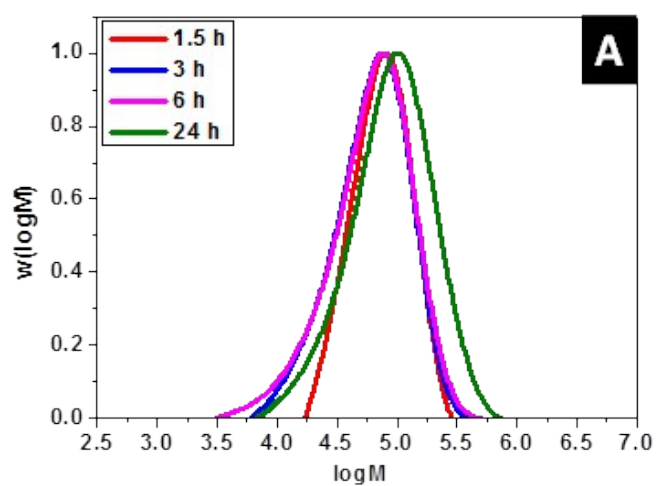


Figure S3. MWDs for 0.025 M AIBN-initiated miniemulsion polymerization of St at 70 °C with GO (5 wt% rel. to St) (A) with and (B) without SDS (0.5 wt % relative to organic phase) (recipes A0-4 and B0-3 in Table 1).

Table S3. MWs for miniemulsion polymerization of St with GO (5 wt %) in the presence and absence of SDS (0.5 wt %) and NaNO₂ (recipes A0-1 and F0-1 in Table 1)

Experiment	System	M_n (kg/mol)	M_w (kg/mol)
A0	St/GO	17.4	56.4
F0	St/GO/NaNO ₂	7.4	16.6
A1	St/GO/SDS	45.6	159.8
F1	St/GO/SDS/NaNO ₂	4.4	7.5

REFERENCES

1. A. Dominguez, A. Fernandez, N. Gonzalez, E. Iglesias and L. Montenegro, *Journal of Chemical Education*, 1997, **74**, 1227.