

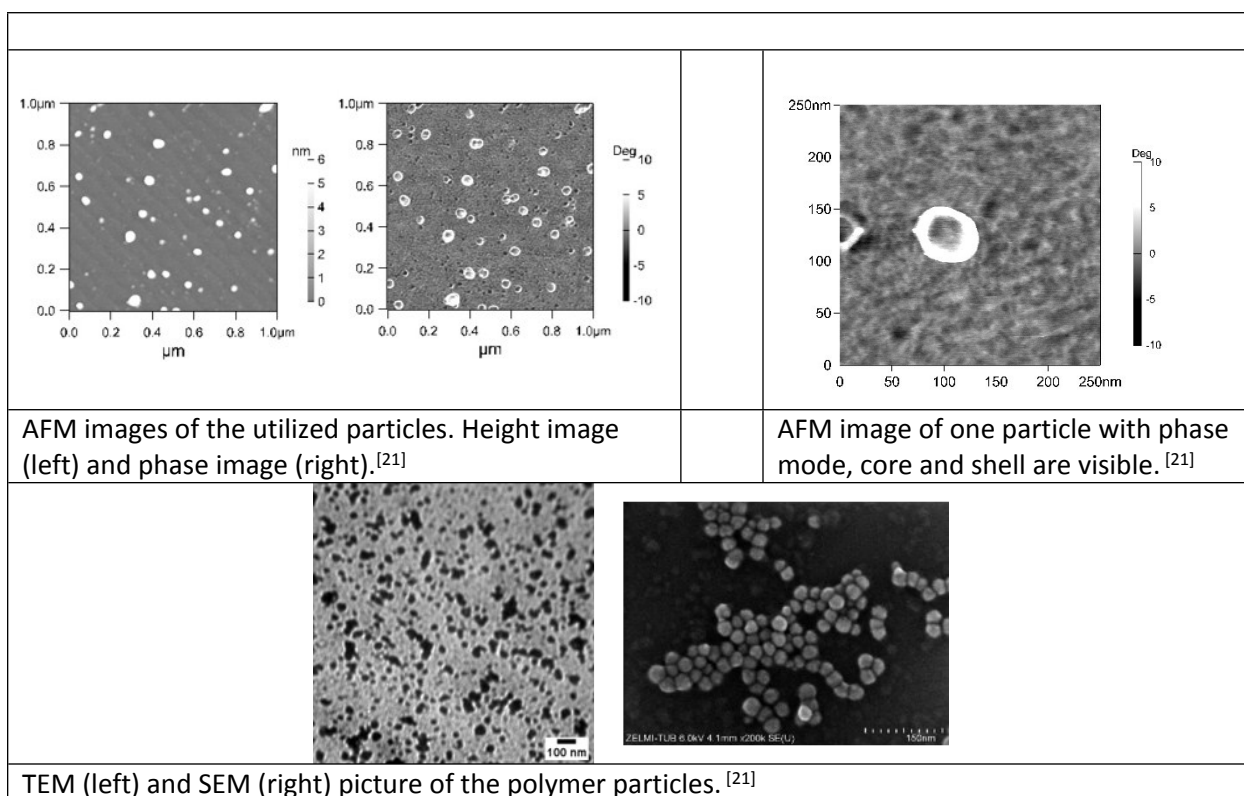
Supporting Information

S1. Characterization of the polymer particles

Table 2. Zeta Potential and diameters (D) of the polymer particles obtained with different characterization techniques

Sample	ZP (ζ)	DLS	AFM (dry)	SEM	TEM
	(mV)	$D_h^{[a]}$ (nm)	D (nm)	D (nm)	D (nm)
LX5	+ 48	95 ± 1	72 ± 7	30 ± 3	32 ± 3

[a] D_h : Hydrodynamic Diameter



S2. Phase Separation

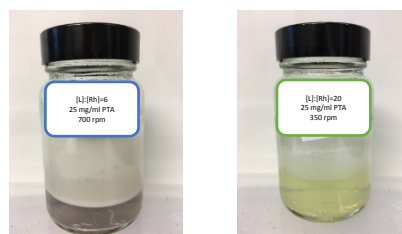


Figure 2. Phase separation at A) fast stirring (700 rpm) with 25 mg/ml of PTA and B) slow stirring (350 rpm) with 35 mg/ml of PTA

