

Supporting Information

Order-Order Phase Transitions in Co-Assembled Particles from Fluorinated FA/FB Type Diblock Copolymers

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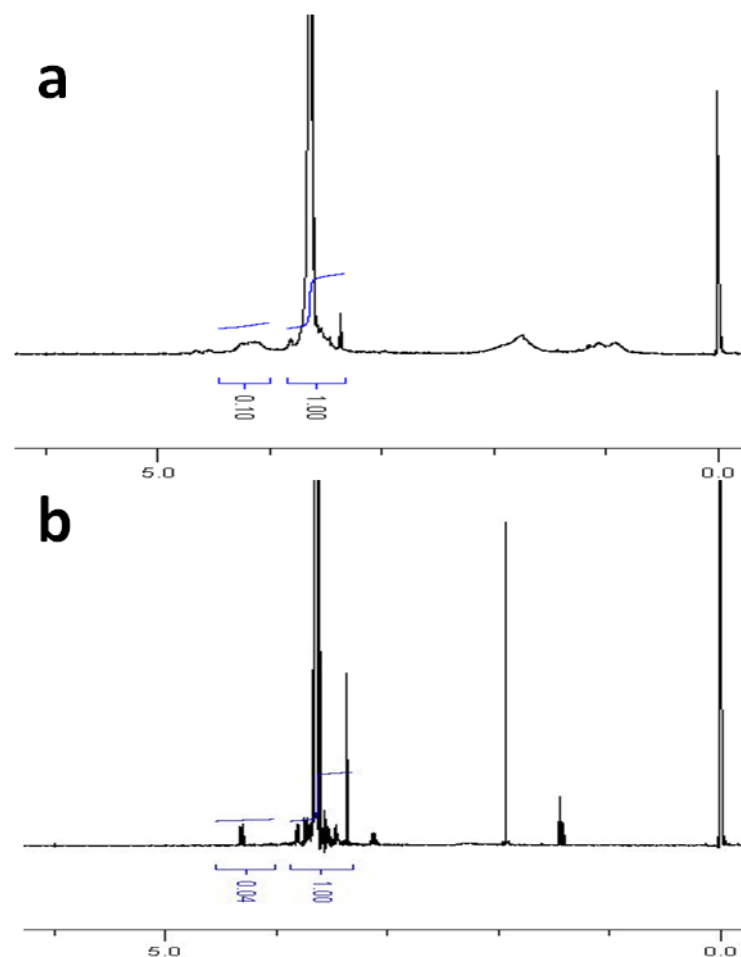


Figure S1. ^1H NMR spectra of (a) $\text{PEO}_{113}\text{-}b\text{-PFNEMA}_{11}$ and (b) $\text{PEO}_{113}\text{-}b\text{-PFNEMA}_4$ diblock copolymers in CDCl_3 .

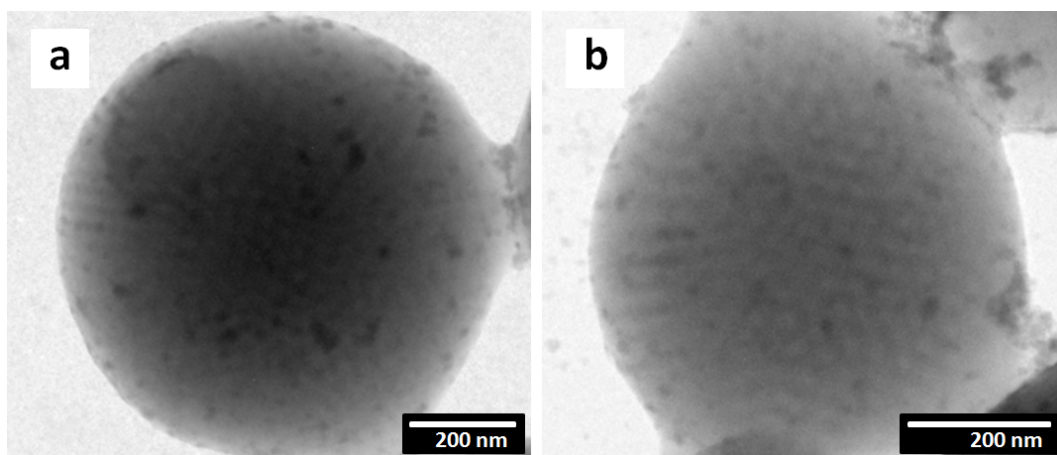


Figure S2. TEM images of the binary blend particles (2.5 wt% PEO₁₁₃-*b*-PFNEMA₁₁) prepared at 40 °C with a water content of 67 vol%.

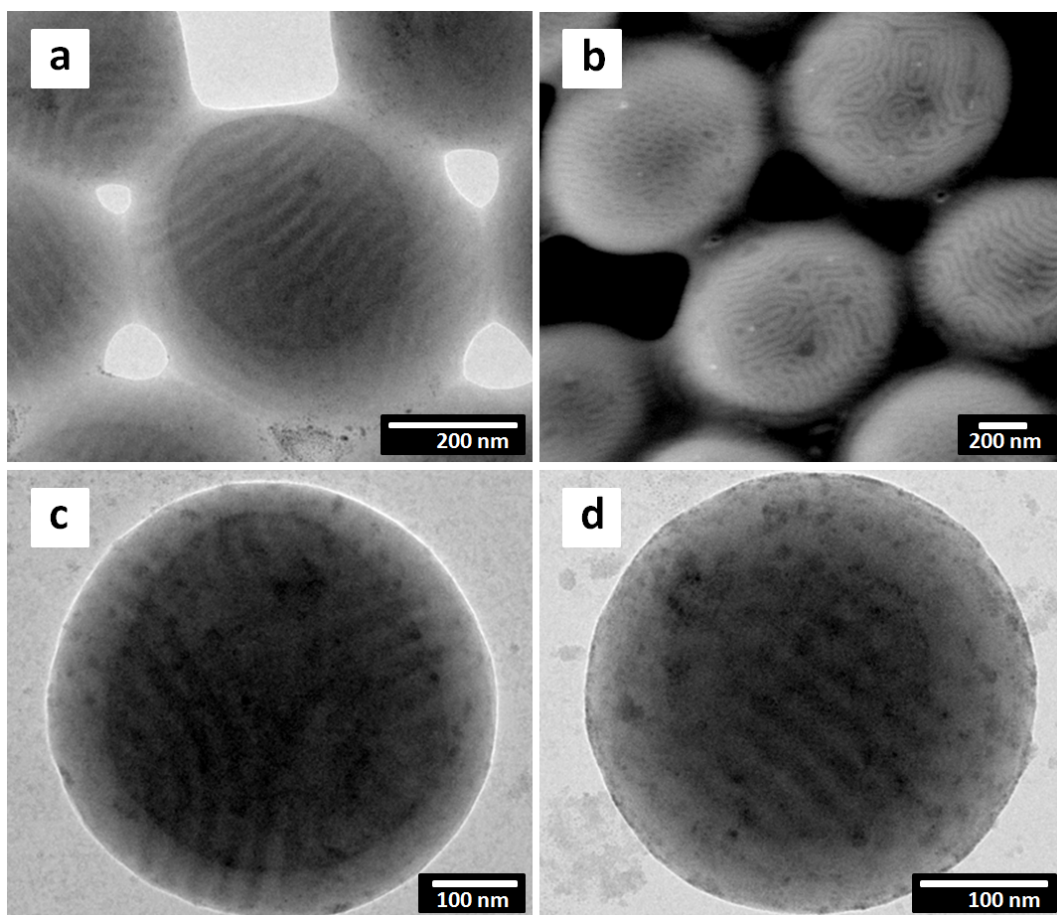


Figure S3. SEM and TEM images of the binary blend particles prepared at 40 °C with 12.5 wt% PEO₁₁₃-*b*-PFNEMA₁₁: (a) 50 vol% water, (b and c) 67 vol% water, (d) 80 vol% water.

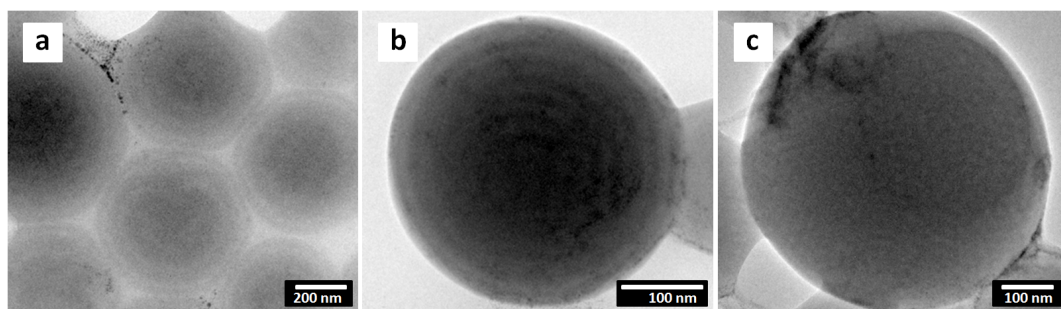


Figure S4. TEM images of the binary blend particles prepared at 40 °C with 25.0 wt% PEO₁₁₃-*b*-PFNEMA₁₁: (a) 50 vol% water, (b) 67 vol% water, (c) 80 vol% water.

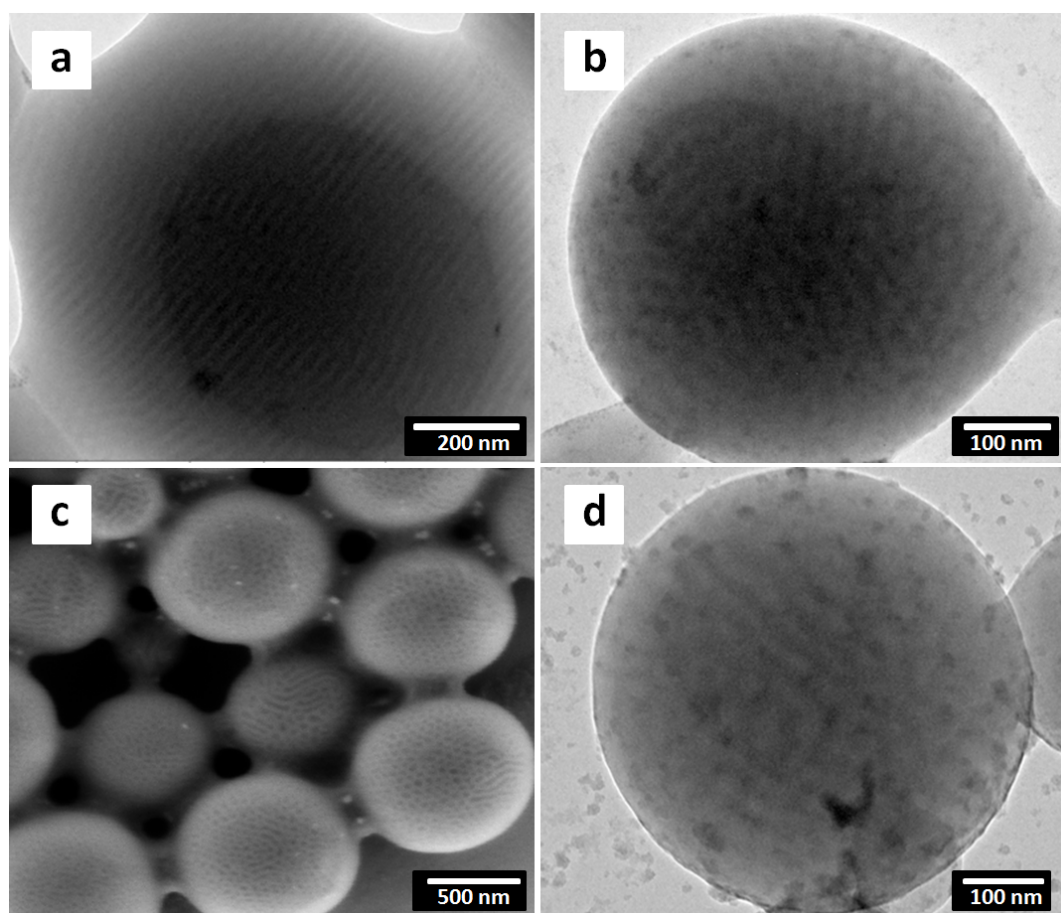


Figure S5. TEM and SEM images of the binary blend particles prepared at 30 °C with 2.5 wt% PEO₁₁₃-*b*-PFNEMA₁₁: (a) 50 vol% water, (b and c) 67 vol% water, (d) 80 vol% water.

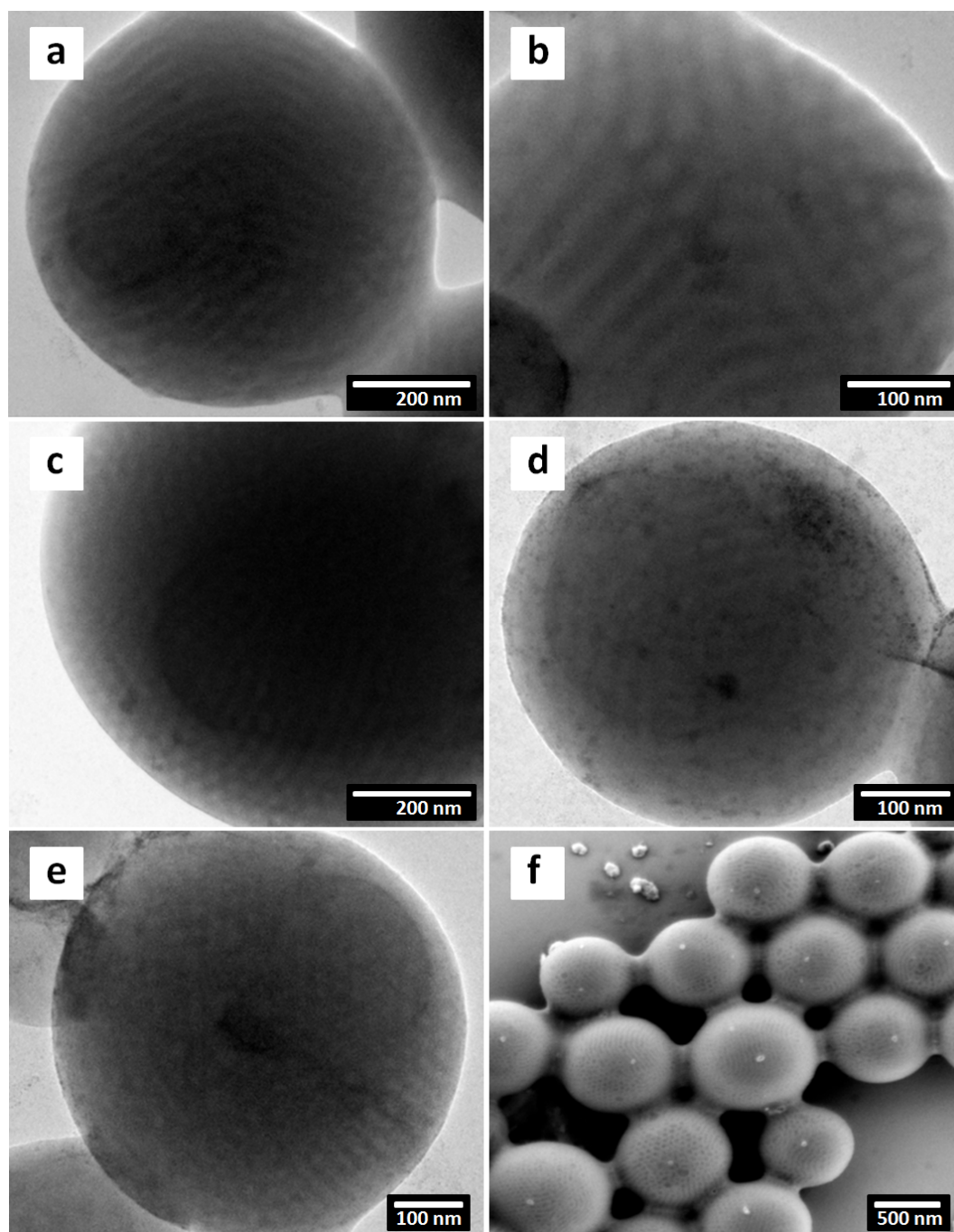


Figure S6. TEM and SEM images of the binary blend particles prepared at 40 °C with 2.5 wt% PEO₁₁₃-*b*-PFNEMA₄: (a) 50 vol% water, (b and c) 67 vol% water; with 12.5 wt% PEO₁₁₃-*b*-PFNEMA₄: (d) 50 vol% water, (e and f) 67 vol% water.