

Supporting Information

Probing the Nano-Assembly Leading to Periodic Gratings in Poly(p-dioxanone)

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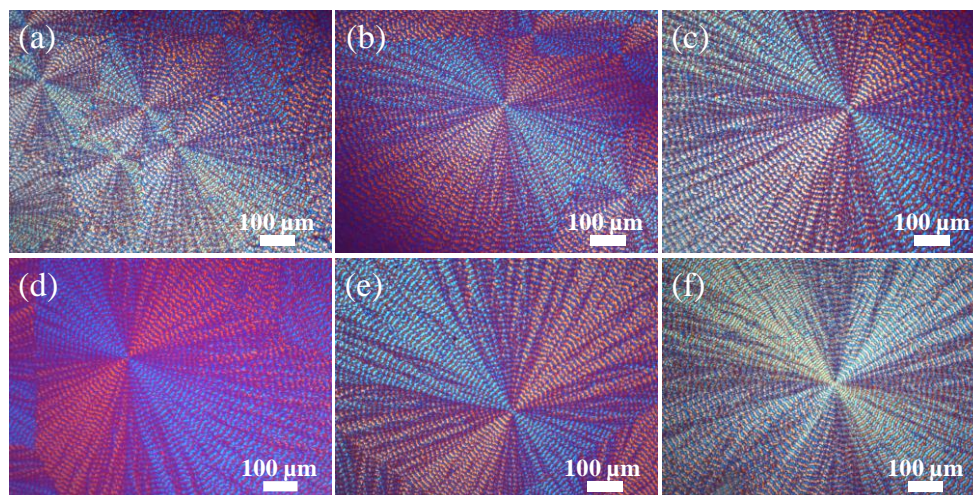


Figure S1. POM graphs of PPDO/PVA (95/5) blend crystallized with top-glass cover at various T_c (a) 45 °C, (b) 50 °C, (c) 55 °C, (d) 60 °C (e) 65 °C, (f) 70 °C.

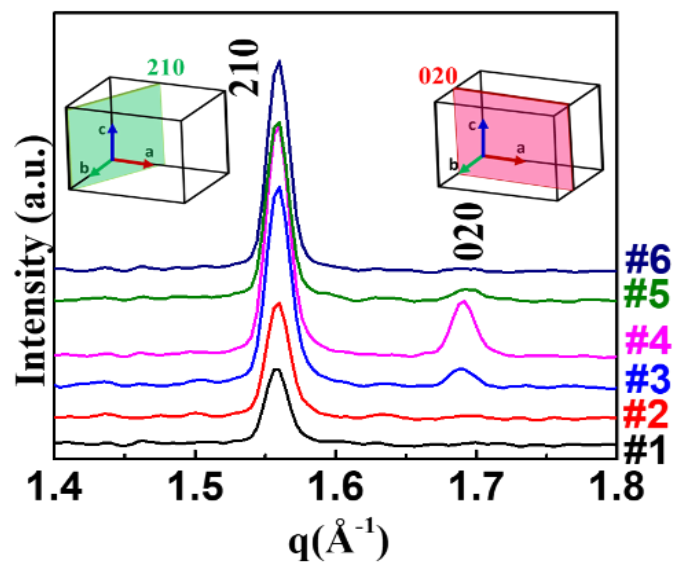


Figure S2: 1D-WAXD profiles of spot #1 to #6 in a ring-banded spherulite of PPDO/PVA (95/5) blend crystallized at $T_C = 65 \text{ }^\circ\text{C}$.

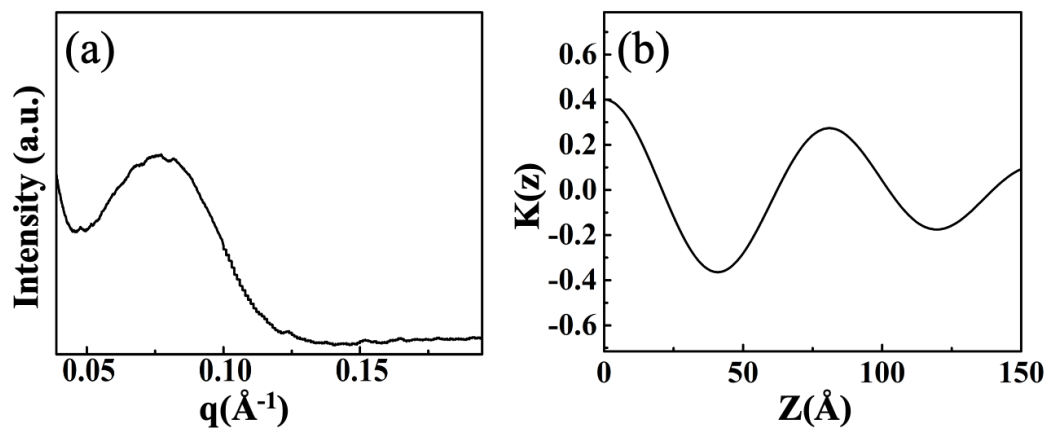


Figure S3. Synchrotron microbeam X-ray diffraction results (a) 1D correlation profile, and (b) 1D correlation function of PPDO/PVA (95/5) ring-banded spherulite crystallized at $T_C = 65\text{ }^{\circ}\text{C}$.