Supporting Information

Observation of Transition Cascades in Sheared Liquid Crystalline Polymers

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Figure S1. (a) 2D SAXS pattern of an aligned 2.8 wt.% PBDT solution and (b) 1D azimuthal intensity integrated over the $q$-range between $q = 0.05 - 0.13$ Å$^{-1}$ and fit with the Maier-Saupe orientation distribution function. The monodomain was prepared by alignment within a magnetic field, and after removal from the field, the monodomain alignment remained due to confinement within the narrow, cylindrical capillary. The calculated order parameter is $S_{eq} = 0.886 \pm 0.002$.

REFERENCES