

Quick method for measuring nanoparticles induced property changes in nematic liquid crystals

Supporting information:

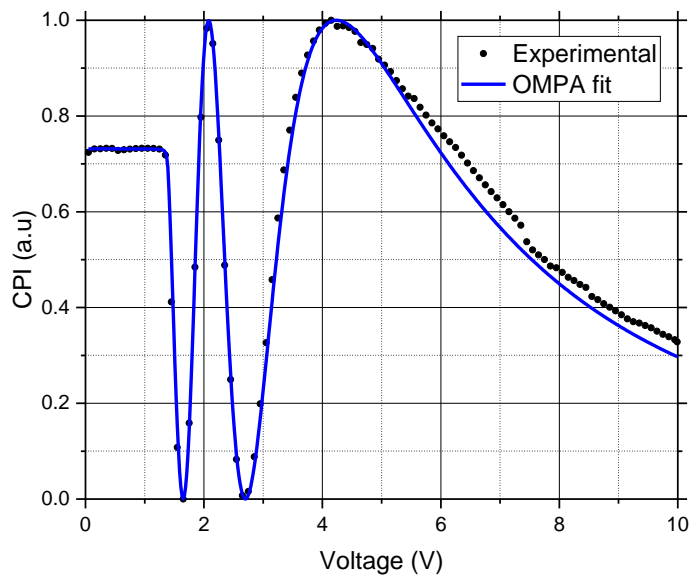


Figure S1: CPI measurements (black dots) vs OMPA fit (solid blue line) of E7 + 1wt% AzoGNPs at 642nm and 10kHz. We can notice that the experimental data is noisy at high voltage, this will affect the estimation and K_3 [38].

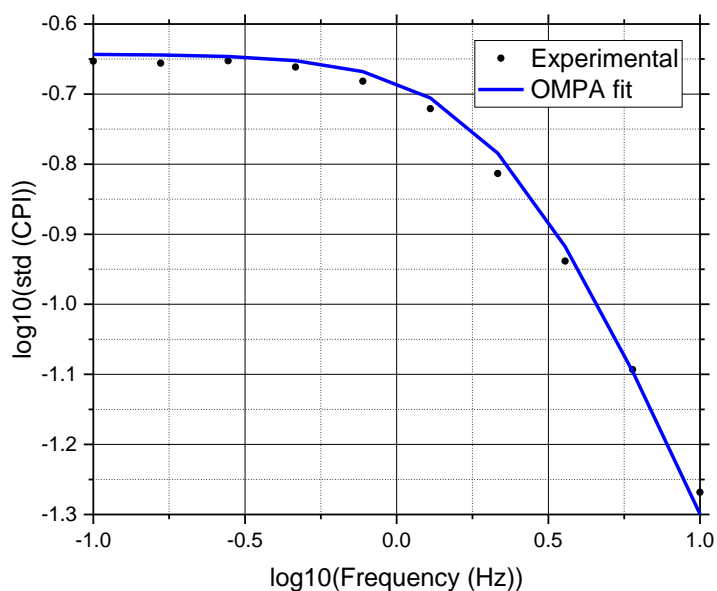


Figure S2: Rotational viscosity CPI measurements (black dots) vs OMPA fit (solid blue line) of E7 + 1wt% AzoGNPs at 642nm.