Thermo-Responsive Discotic Nematic Hydrogels

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Supporting information

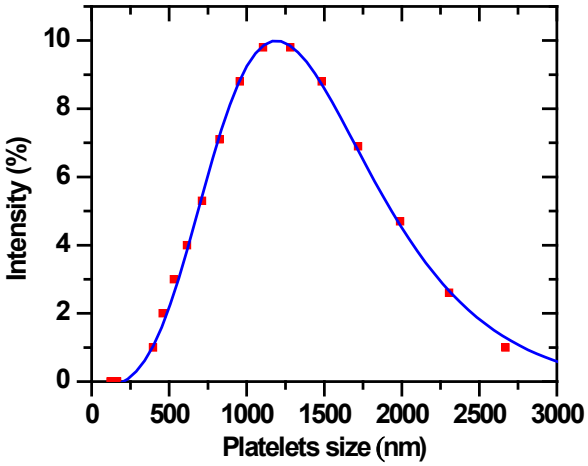

Fig. S1. The size and polydispersity (σ) of the exfoliated nano-sheets were calculated using a dynamic light scattering instrument [(DLS), ZetaPALS, Brookhaven Instruments Corporation, Holtsville, NY] to measure the translational and rotational diffusion of ZrP monolayers[1] since all the platelets have a fixed thickness of 2.68 ± 0.02 nm.[2] The nano-sheet lateral size is 2436 ± 562 nm.

References

1. P. He, A. F. Mejia, Z. Cheng, D. Sun, H.-J. Sue, D. S. Dinair and M. Marquez, *Phys. Rev. E*, 2010, **81**, 026310.
2. H.-N. Kim, S. W. Keller, T. E. Mallouk, J. Schmitt and G. Decher, *Chem. Mat.*, 1997, **9**, 1414-1421.