

SUPPLEMENTARY INFORMATION

Influence of π - π stacking on the self-assembling and coiling of multi-chromophoric polymers based on perylene: an AFM study

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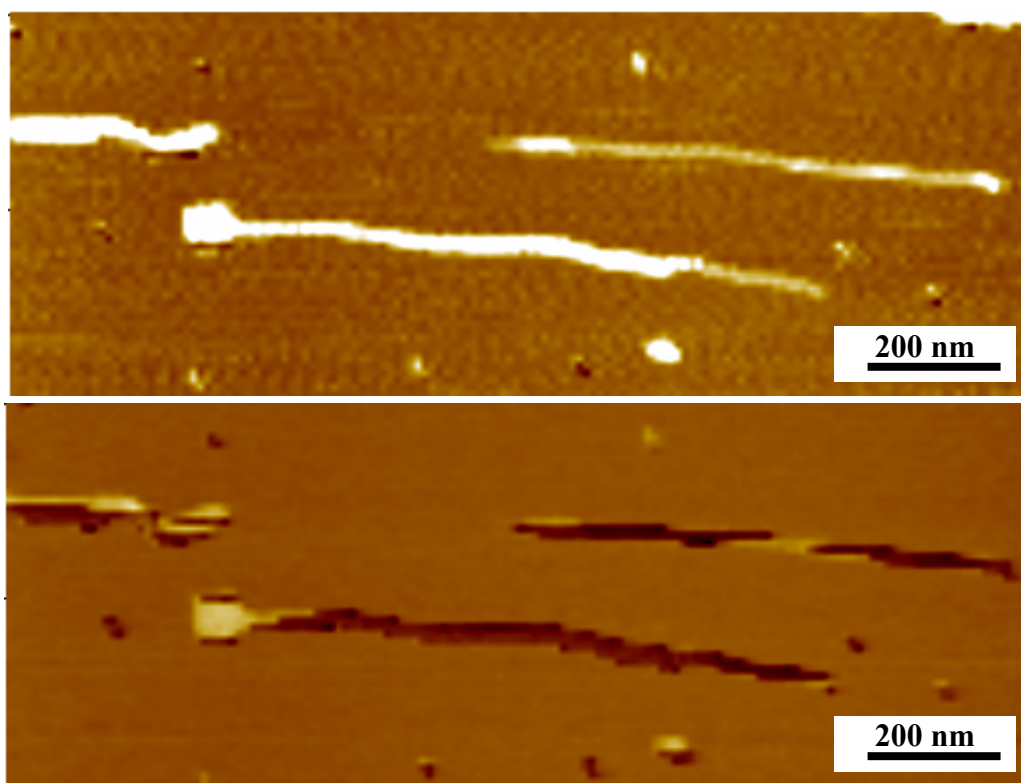


Figure S1: Tapping mode AFM images of **M2** molecules on mica showing contrast inversion. Mean cantilever oscillation used as set point is 50 nm and 30 nm respectively. Z-range is 6 nm in both images.

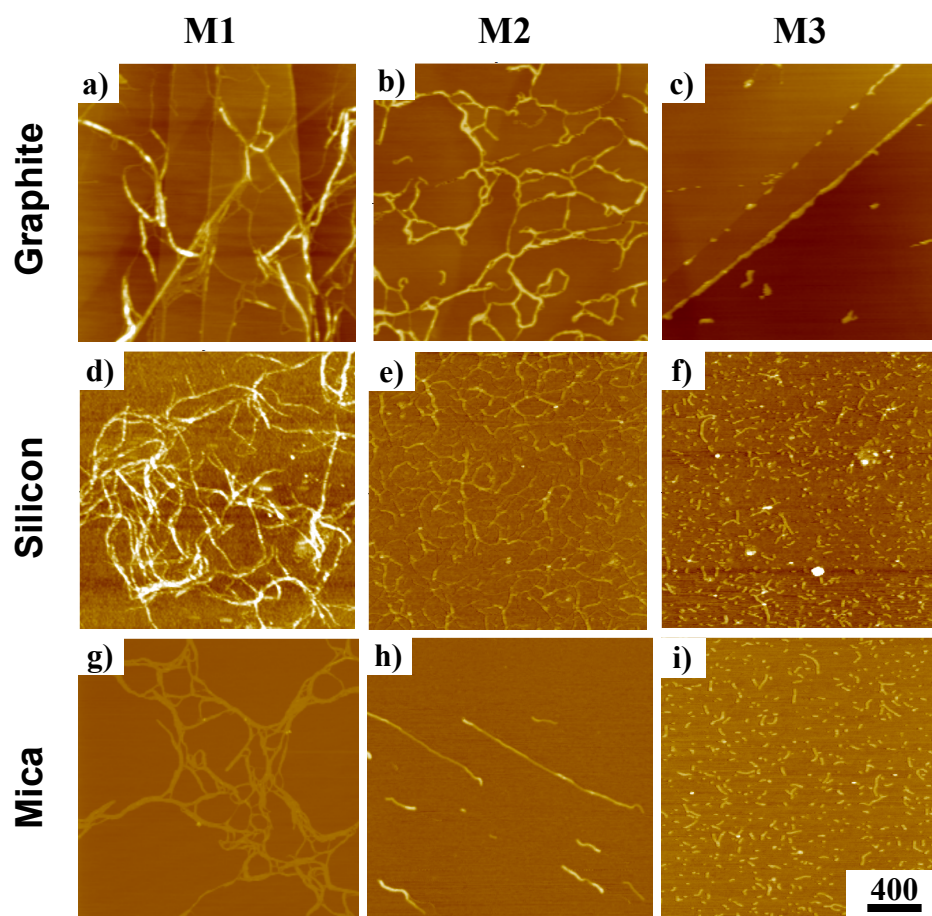


Figure S2: Unfiltered, AFM height images of the morphologies of ultrathin films of **M1**, **M2**, **M3** on graphite, silicon and mica, respectively. Image width is 2 μ m for each frame. Z-ranges are 10 nm.

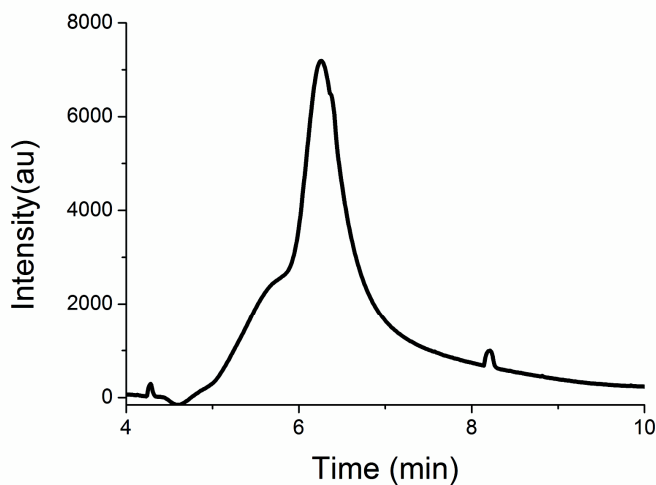


Figure S3: Gel Permeation Chromatography (GPC) traces of **M2** polymerized with 1/500 equivalent $\text{Ni}(\text{ClO}_4)_2$. The trace shows a maximum at 6m15s with a small tail at 5m40s. Even if detailed analysis of polyisocyanides by GPC is difficult because the behaviour of a rod-like (stiff) polymer in a gel is not straightforward, no evidence of small-weight oligomers is observed.