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## Determination of vertical phase separation in a polyfluorene copolymer

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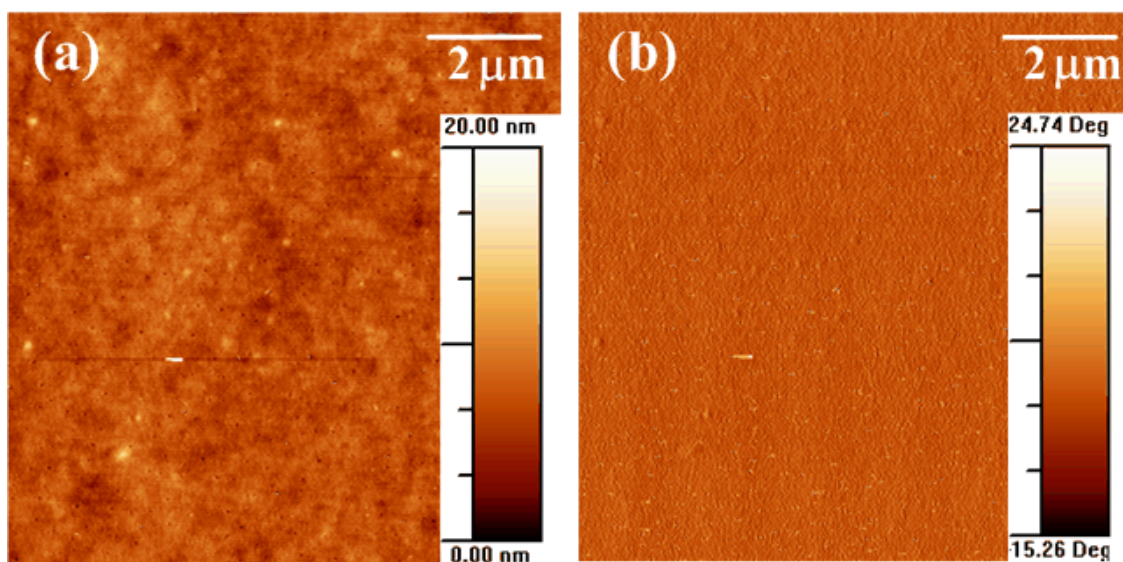
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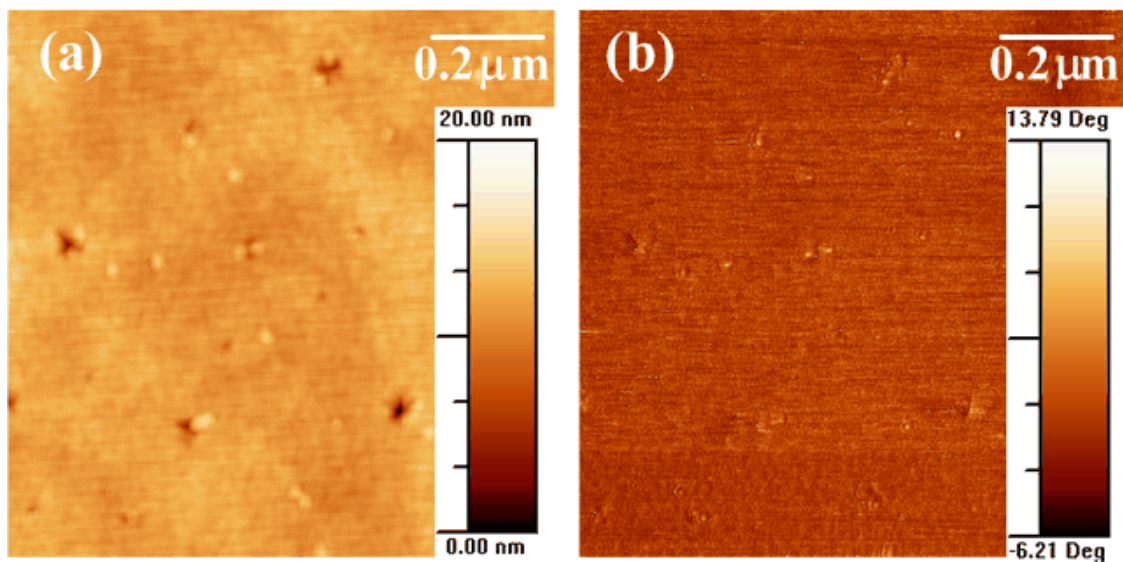
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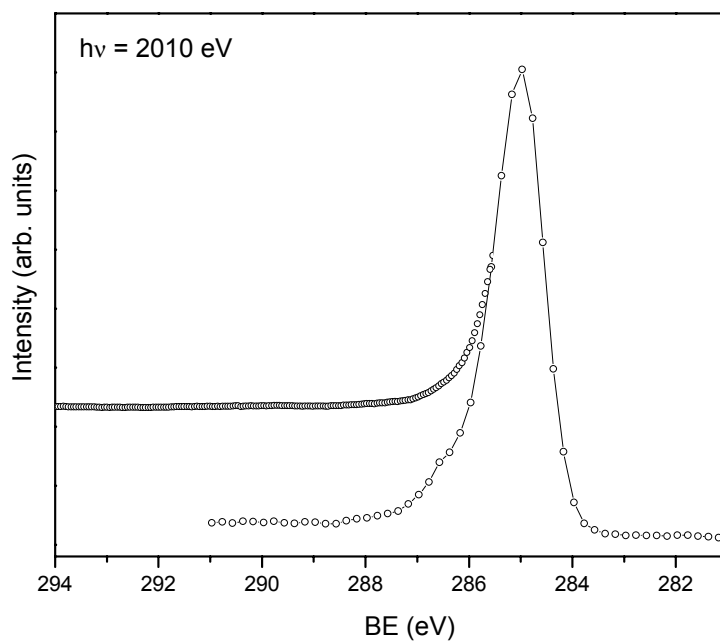
## Supplementary Information



**Figure 1.** TM-AFM height (a) and phase (b) images of F8DTBT:PCBM, 10x10μm.  
RMS roughness = 2.1 nm



**Figure 2.** TM-AFM height (a) and phase (b) images of F8DTBT:PCBM, 1x1μm. RMS  
roughness = 0.84 nm



**Figure 3:** X-ray photoemission spectrum of the C1s core level region of the polyfluorene copolymer (F8DTBT) collected with 2010 eV. An inset was added to allow for better comparison with the spectrum of the F8DTBT:PCBM blend taken with the same energy.