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## Determination of vertical phase separation in a polyfluorene copolymer

Felicissimo, Marcella Passos; Jarzab, Dorota; Gorgoi, Mihaela; Forster, Michael; Scherf, Ullrich; Scharber, Markus C.; Svensson, Svante; Rudolf, Petra; Loi, Maria

*Published in:*  
Journal of Materials Chemistry

*DOI:*  
[10.1039/b906297a](https://doi.org/10.1039/b906297a)

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*Publication date:*  
2009

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*Citation for published version (APA):*

Felicissimo, M. P., Jarzab, D., Gorgoi, M., Forster, M., Scherf, U., Scharber, M. C., ... Loi, M. A. (2009). Determination of vertical phase separation in a polyfluorene copolymer: fullerene derivative solar cell blend by X-ray photoelectron spectroscopy. *Journal of Materials Chemistry*, 19(28), 4899-4901. DOI: 10.1039/b906297a

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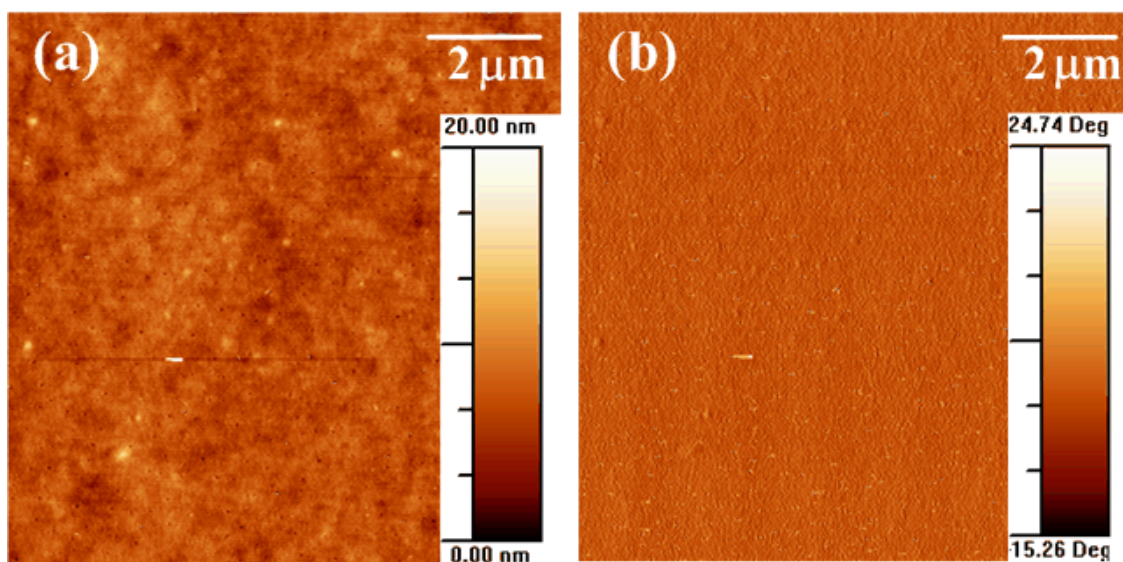
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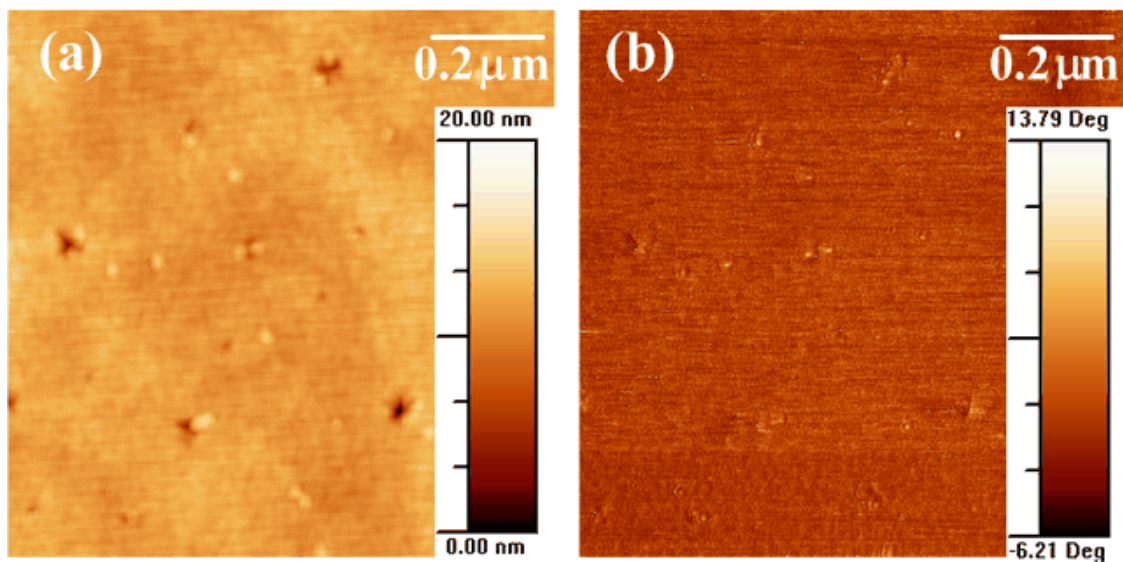
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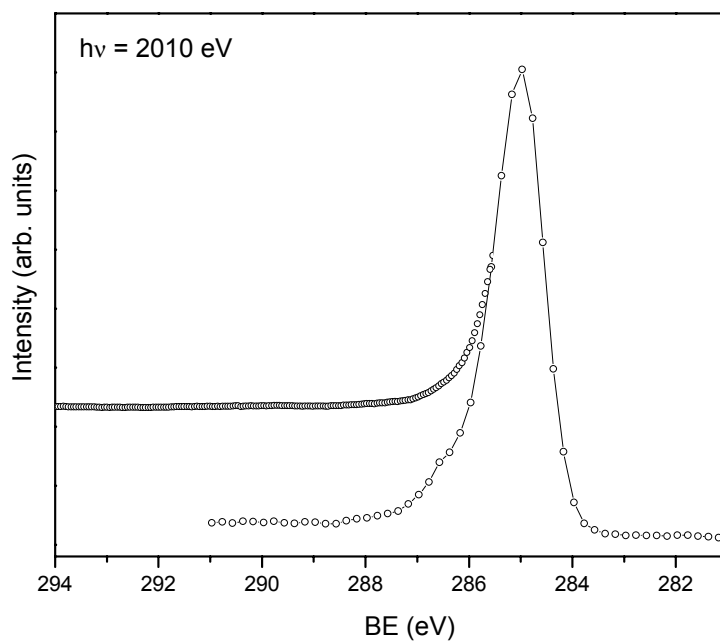
## Supplementary Information



**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.