Electronic supplementary information for the manuscript

“Material structure – composite morphology-photovoltaic performance relationship for organic bulk heterojunction solar cells”

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Figure S2. Fill factor (a) and open circuit voltage (b) of organic solar cells as functions of the structural descriptor $m$. The blue lines are provided as guides for the eye.
| F1  
| (|60|PCBM)  
| / P1  
| (m=1) |

| F11  
| (|70|PCBM)  
| / P1  
| (m=1) |

| F4/P1  
| (m=3) |

| F8/P1  
| (m=3) |

**Figure S3.** AFM and SEM images for thin films of some fullerene derivative/P1 composites
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