

Supplementary Information

A Trifluoromethyl-Functionalized Bathocuproine for Polymer Solar Cells

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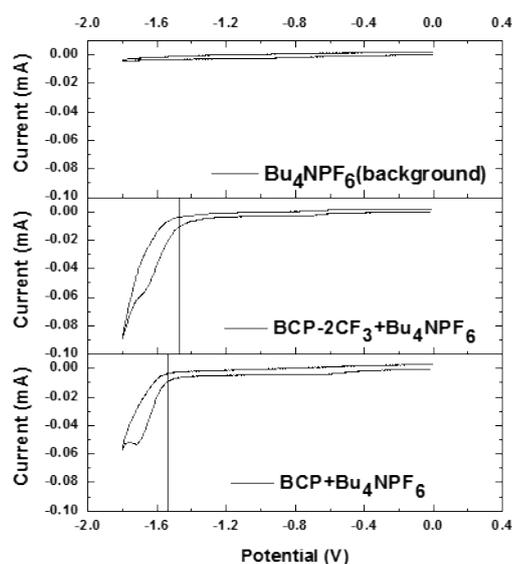


Figure S1. CV diagrams of BCP and BCP-2CF₃ in dichloromethane (DCM)

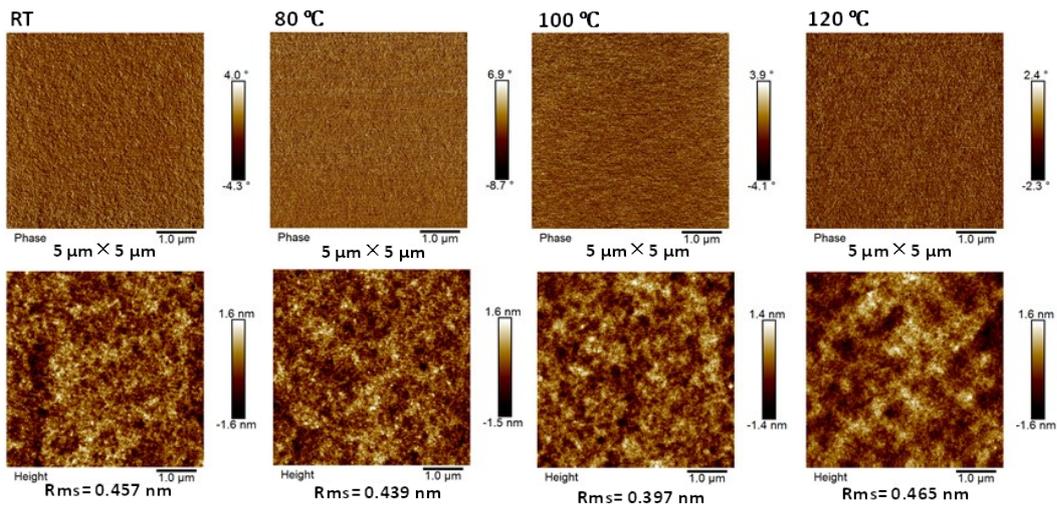


Figure S2. AFM images of BHI films (in the device structure of ITO/PEDOT:PSS/BHI) before and after thermal annealing at different temperatures

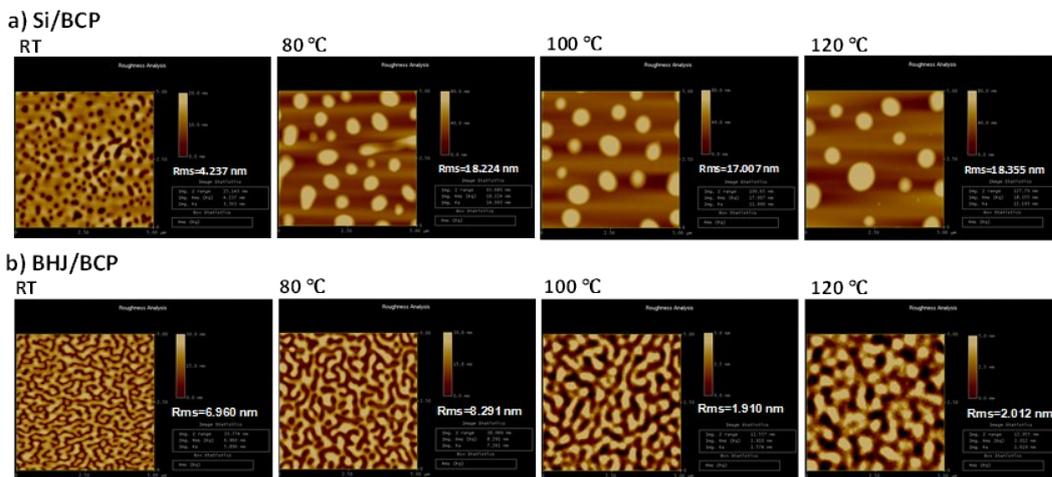


Figure S3. AFM height images of BCP layers with roughness analysis layers before and after thermal annealing at different temperatures: a) Si/BCP and b) ITO/PEDOT:PSS/BHI/BCP

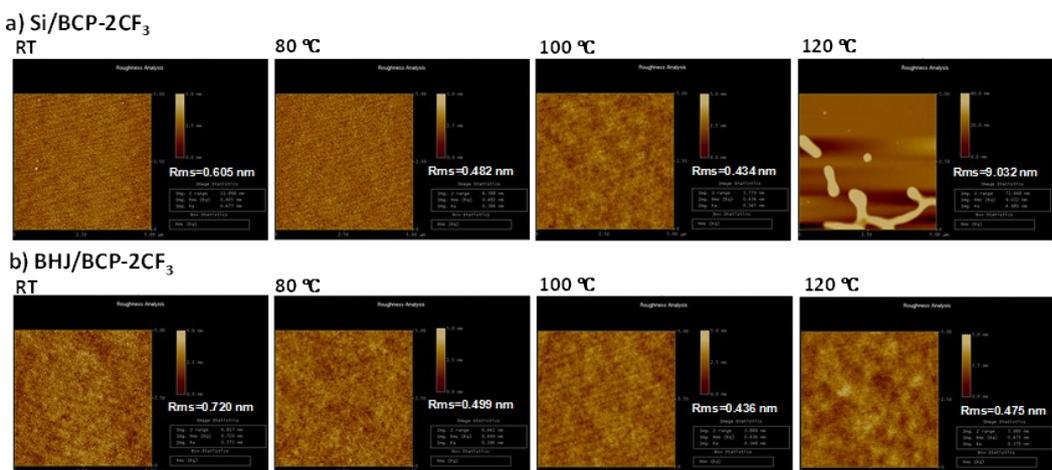


Figure S4. AFM height images of BCP-2CF₃ layers with roughness analysis layers before and after thermal annealing at different temperatures: a) Si/BCP-2CF₃ and b) ITO/PEDOT:PSS/BHI/BCP-2CF₃

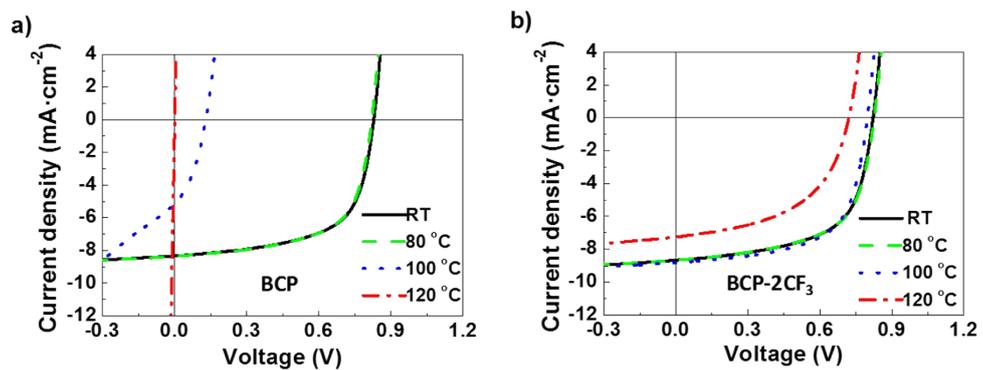


Figure S5. *J-V* characteristics of solar cells with EBLs after thermal annealing at different temperatures: a) BCP and b) BCP-2CF₃

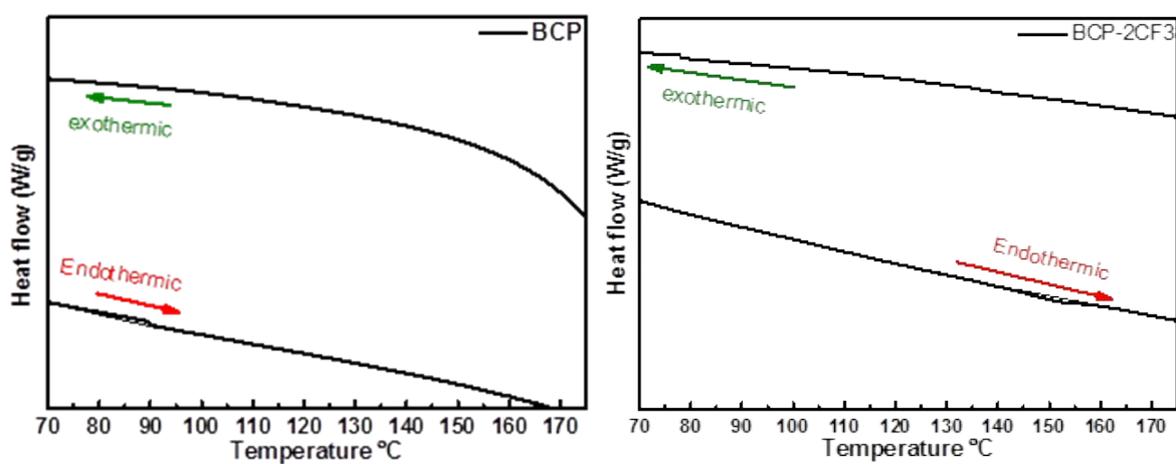


Figure S6. DSC data of BCP and BCP-2CF₃