Abstract Submitted
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Fabrication of Three-Dimensional Bilayered Nanostructures via Block Copolymers[1] SANGHOON WOO, Korea University, SUMI LEE, EUN AE KWAK, Samsung Electronics, HYUNJUNG JUNG, Korea University, FRANK LEIBFARTH, CRAIG HAWKER, University of California, Santa Barbara, JUNE HUH, DU YEOL RYU, Yonsei University, JOONA BANG, Korea University — The self-assembly of block copolymers (BCPs) has been received wide attention because of their great potentials in various advanced lithographic applications. For specific applications, one of the most significant is controlling the orientation of the microdomains. In this study, we synthesized ketene-based cross-linkable cylinder forming BCPs, PMMA-b-P(S-r-ketene), in which 3.0 mol

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