

Supplementary Materials



Antimicrobial LDPE/EVOH layered films containing carvacrol fabricated by multiplication extrusion

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Figure S1 presents characteristic images of multi-layered (LDPE/carvacrol)/EVOH and (LDPE/[HNTs/carvacrol])/EVOH films (comprising of 9 and 65 layers) fabricated by the forced-assembly layer-multiplying coextrusion technique. The films are were transparent and continuous with no apparent defects.



Figure S1. Characteristic images of the multilayered films prepared by forced-assembly layermultiplying co-extrusion a) 9-layered (LDPE/carvacrol)/EVOH; b) 65-layered (LDPE/carvacrol)/EVOH; c) 9-layered (LDPE/[HNTs/carvacrol])/EVOH; and d) 65-layered (LDPE/[HNTs/carvacrol])/EVOH.

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