

Supporting information

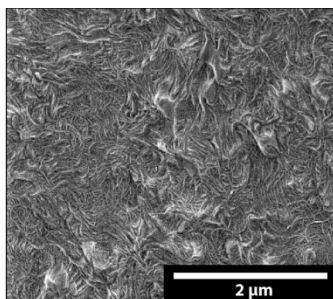


Fig. S1. Micrograph of the bulk morphology for LDPE + 0.02 wt % antioxidant extruded 6 min prior compression moulding to a film.

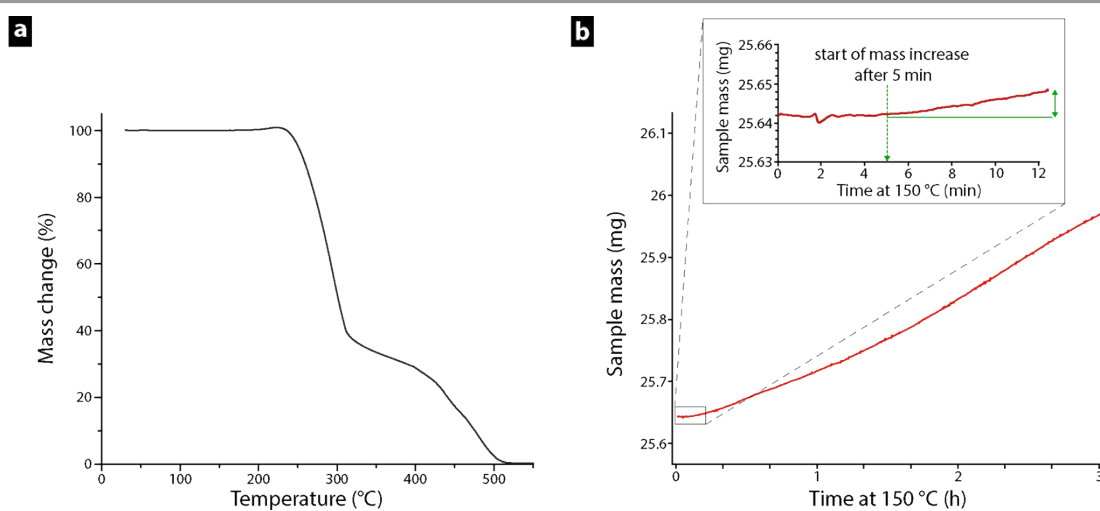


Fig. S2. Thermogravimetric measurements of LDPE without added antioxidants in an oxygen atmosphere with a temperature increase of 10 °C min^{-1} (a) and isothermal at 150 °C (b).

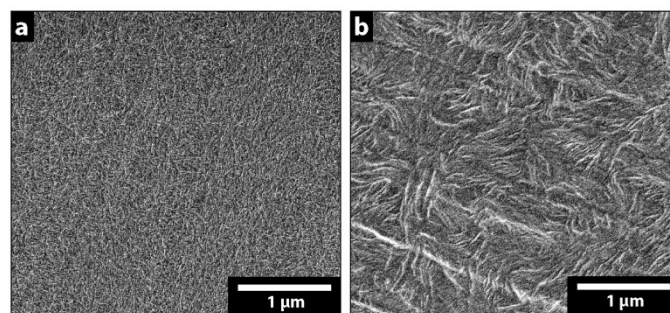


Fig. S3. Surface morphology of pressed thin film samples for using PET (a) and Al foil (b) as protective pressing films, respectively.