

Supplementary information for:

**Title: Integrated Polymer Spherulites Growing from One Homogeneous Nucleation Site in Supercritical Fluid**

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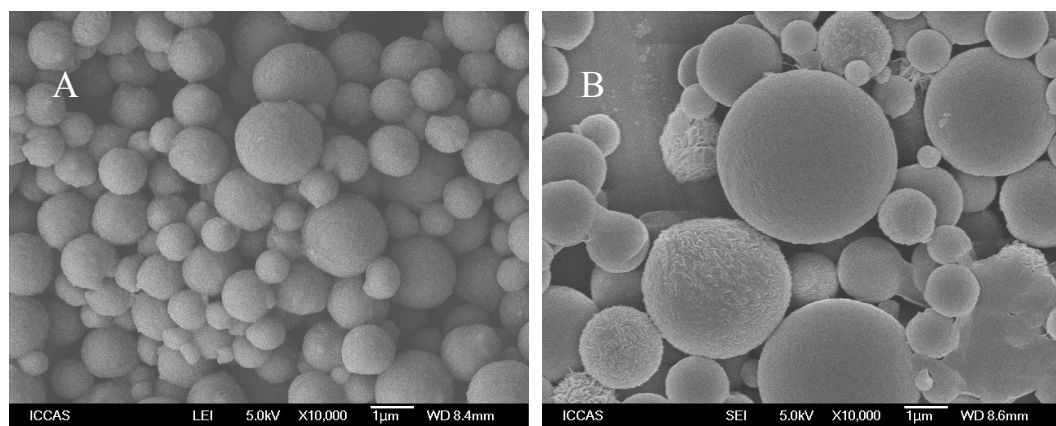


Fig. S1 SEM images of particles prepared from small molecular weight polyethylene. A: polyethylene with molecular weight of  $M_w=87,500$  g/mol; B: polyethylene with molecular weight of  $M_w=121,800$  g/mol.

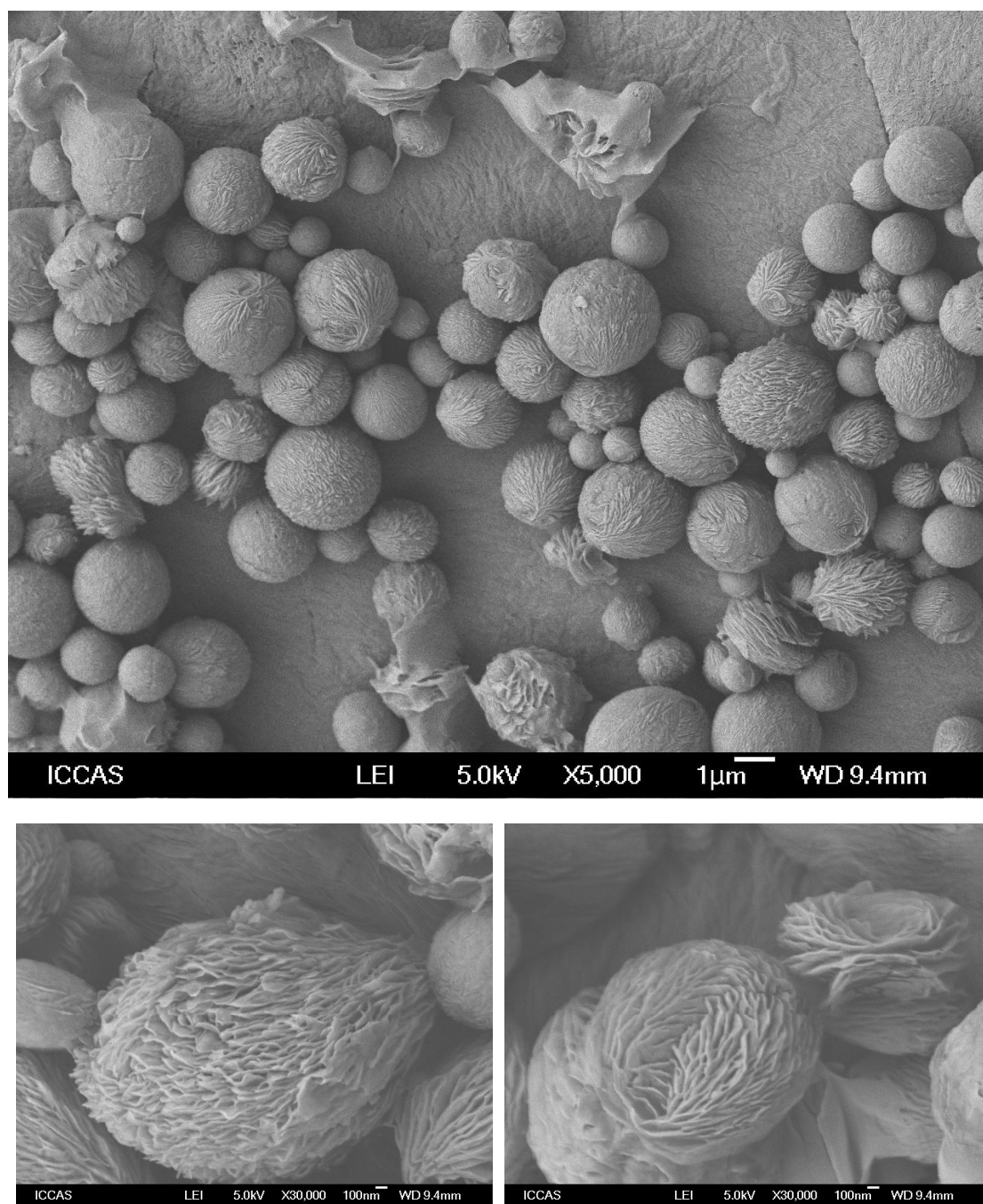


Fig. S2 SEM images of spherulites particles prepared from UHMWPE.