

Supplementary materials: Grafting Polytetrafluoroethylene Micropowder via in Situ Electron Beam Irradiation-Induced Polymerization

Hui Wang ¹, Yingfeng Wen ¹, Haiyan Peng ¹, Chengfu Zheng ², Yuesheng Li ³, Sheng Wang ³, Shaofa Sun ^{3,*}, Xiaolin Xie ^{1,2} and Xingping Zhou ^{1,*}

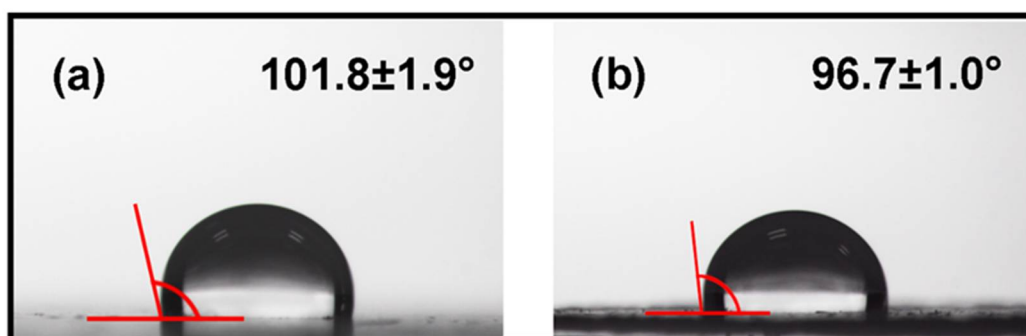


Figure S1. Photographs of a water droplet on the surface of (a) PTFE tablet and (b) PMMA-g-PTFE tablet with a DG of 27.9%.

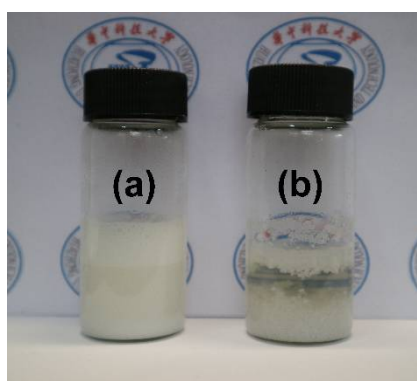


Figure S2. Photographs of suspensions of the pristine PTFE micropowder dispersed in MMA monomer solution (a) with 0.05 wt% fluorosurfactant and (b) without fluorosurfactant.

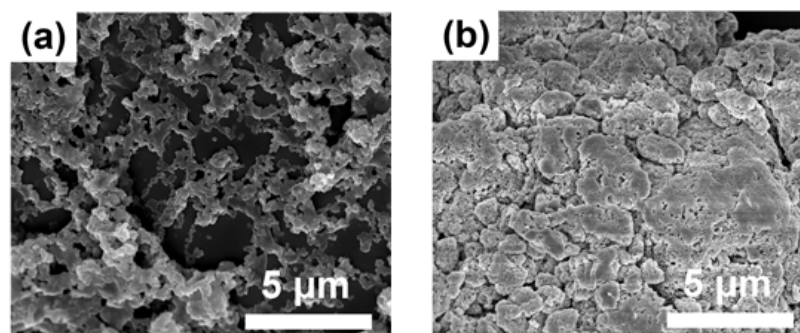


Figure S3. SEM images of the PMMA-g-PTFE micropowder obtained with MMA monomer solution (a) with 0.05 wt% fluorosurfactant and (b) without fluorosurfactant.

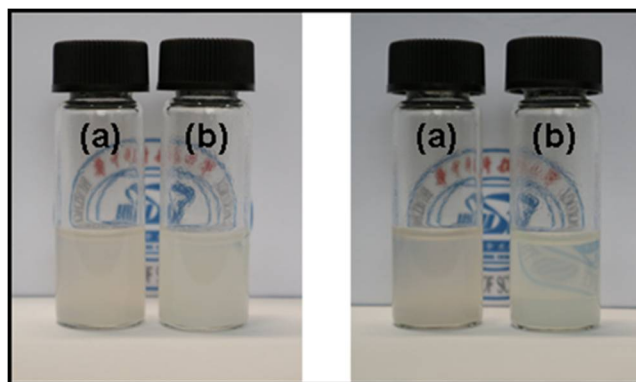


Figure S4. Photographs of suspensions of (a) the pristine PTFE and (b) PMMA-g-PTFE micropowder dispersed in polyacrylate solution after being stood for 2 h.