

Electronic Supplementary Material

Growth of ultra-dense MoS₂ nanosheets on carbon fibers to improve the mechanical and tribological properties of polyimide composites

Jin YANG, Qingfeng XIAO, Zhe LIN, Yong LI, Xiaohua JIA*, Haojie SONG*

School of Materials Science & Engineering, Shaanxi Key Laboratory of Green Preparation and Functionalization for Inorganic Materials, Shaanxi University of Science & Technology, Xi'an 710021, China

Supporting information to <https://doi.org/10.1007/s40544-020-0413-0>

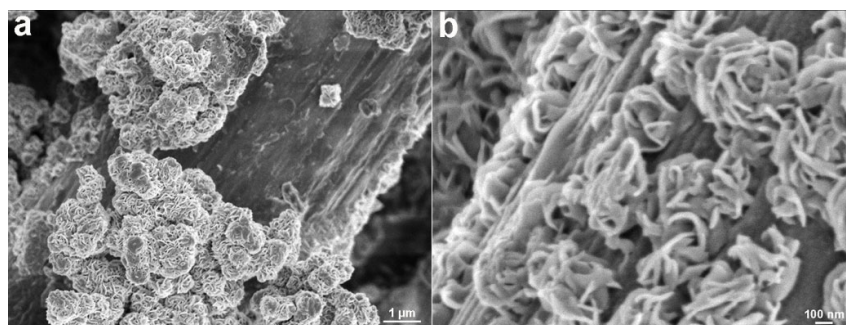


Fig. S1 SEM images of CF-MoS₂ without PDA as a transition layer.

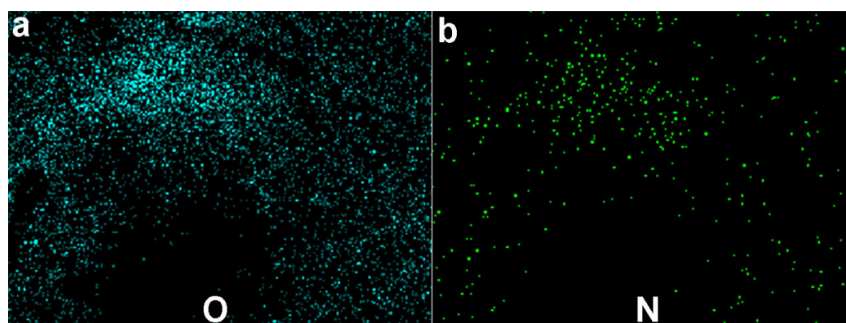


Fig. S2 EDS images of the (a) O and (b) N elements, respectively.

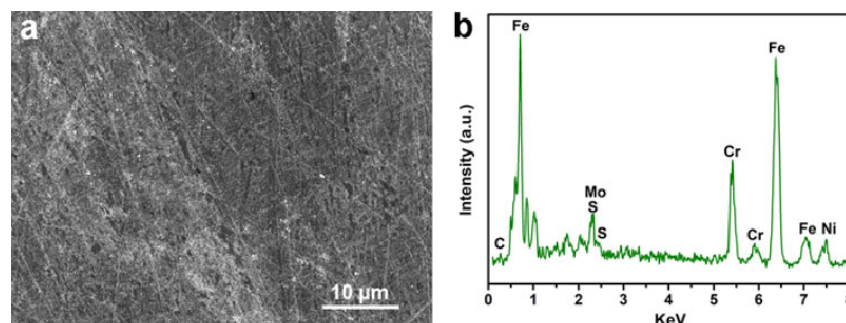


Fig. S3 SEM image and EDS analysis of wear surface of the frictional ball.

* Corresponding authors: Xiaohua JIA, E-mail: jiaxiaohua@sust.edu.cn; Haojie SONG, E-mail: songhaojie@sust.edu.cn