

Supplementary Information

Liquid Crystalline Phase Behavior and Fiber Spinning of Cellulose/Ionic Liquid/Halloysite Nanotubes Dispersions

Zhiqiang Luo, Aiqing Wang, Chunzheng Wang, Weichao Qin, Ningning Zhao,

Hongzan Song, and Jungang Gao*

Table S1 Amount of cellulose and HNTs in various dispersions prepared for fiber spinning.

HNTs mass fraction with respect to cellulose (wt%)	Amount of cellulose (g)	Amount of HNTs (g)	Amount of AMIMCl (g)
0	0.2473	0	2.5000
1	0.2473	0.0025	2.5000
3	0.2473	0.0074	2.5000
5	0.2473	0.0124	2.5000
7	0.2473	0.0173	2.5000
9	0.2473	0.0222	2.5000

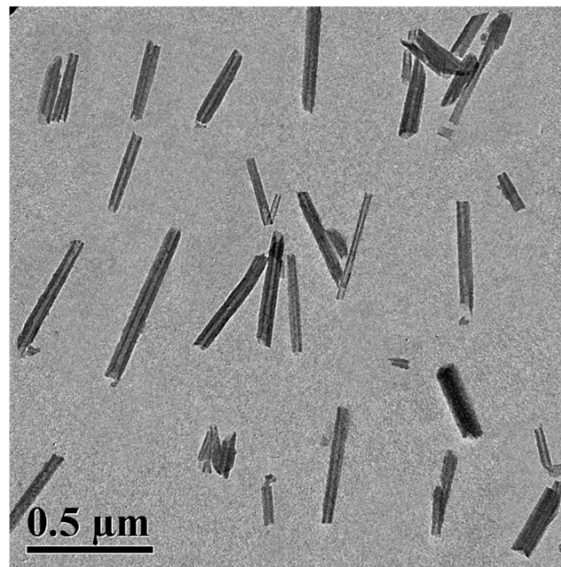


Fig. S1 TEM images of HNTs dispersion in MCC/HNTs composite fiber.