

Supplementary Information

A novel, low surface charge density, anionically modified montmorillonite for polymer nanocomposites

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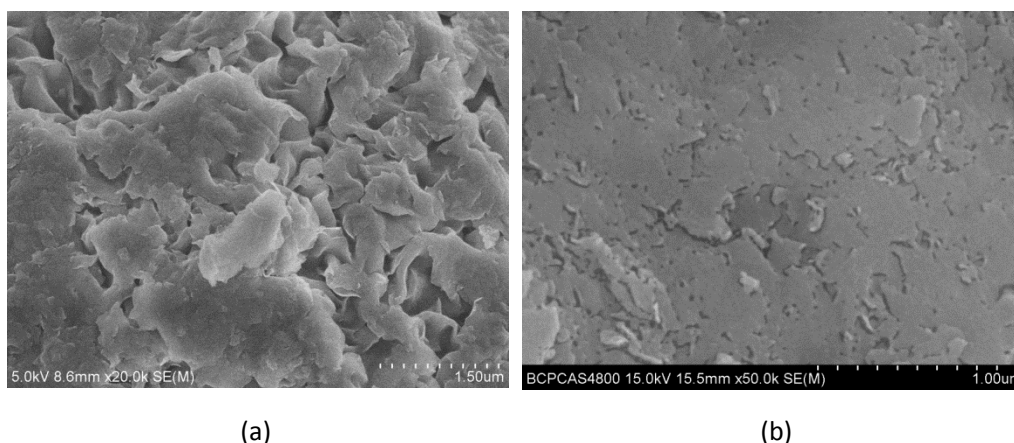


Fig. S1. SEM images of NaMMT (a) and t-MMT (b)

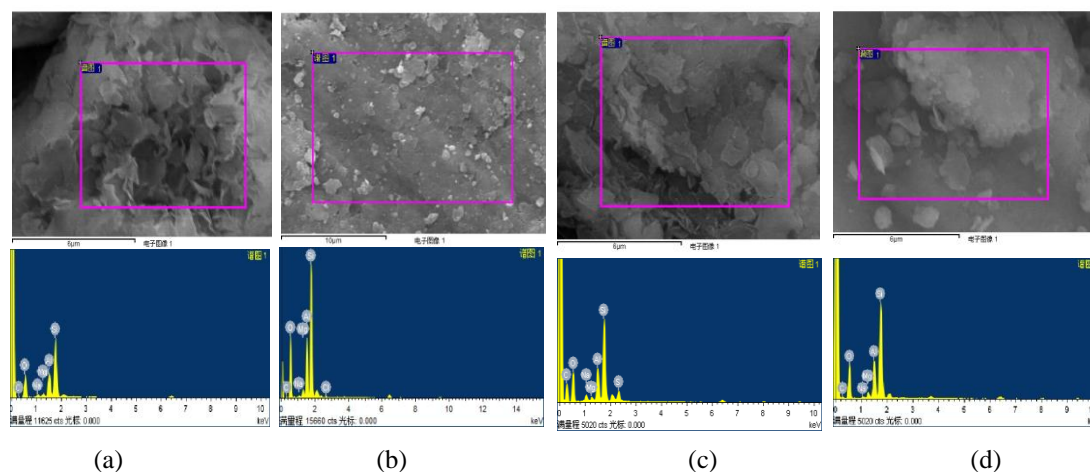


Fig. S2. EDS analysis of NaMMT (a), t-MMT (b), SST-t-MMT (c) and SDS-t-MMT (d)

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Table S1. Elemental composition of NaMMT, t-MMT, SSS-t-MMT and SDS-t-MMT from EDS analysis

Elements	NaMMT	t-MMT	SDS-MMT	SST-MMT
C	5.32	8.83	50.12	14.52
O	59.95	56.20	36.04	55.44
Na	1.93	0.14	1.10	0.47
Mg	1.28	1.30	0.50	1.36
Al	8.54	9.15	3.18	7.50
Si	22.97	24.38	7.97	20.71
S	—	—	1.09	—
Total	100.00	100.00	100.00	100.00