

Supplementary data

Table S1: Contact angle and water absorption of polyimide/m-HSNF composites.

Sample	Contact angle	Water absorption
	(degree)	(%)
BPDA-BAPP	68.3	0.97
1 wt% BPDA-BAPP/m-HSNF	71.8	0.96
3 wt% BPDA-BAPP/m-HSNF	73.3	0.96
5 wt% BPDA-BAPP/m-HSNF	74.2	0.96
BPDA-HFBAPP	73.7	0.74
1 wt% BPDA-HFBAPP/m-HSNF	74.8	0.74
3 wt% BPDA-HFBAPP/m-HSNF	77.5	0.73
5 wt% BPDA-HFBAPP/m-HSNF	79.9	0.72