

Supporting information

Study on rubber toughening of aliphatic polyketone via poly(ether-block-amide)

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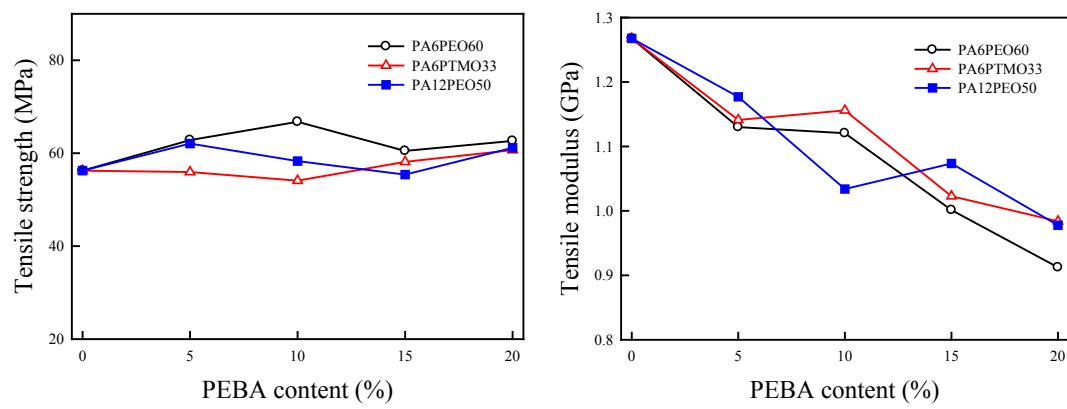
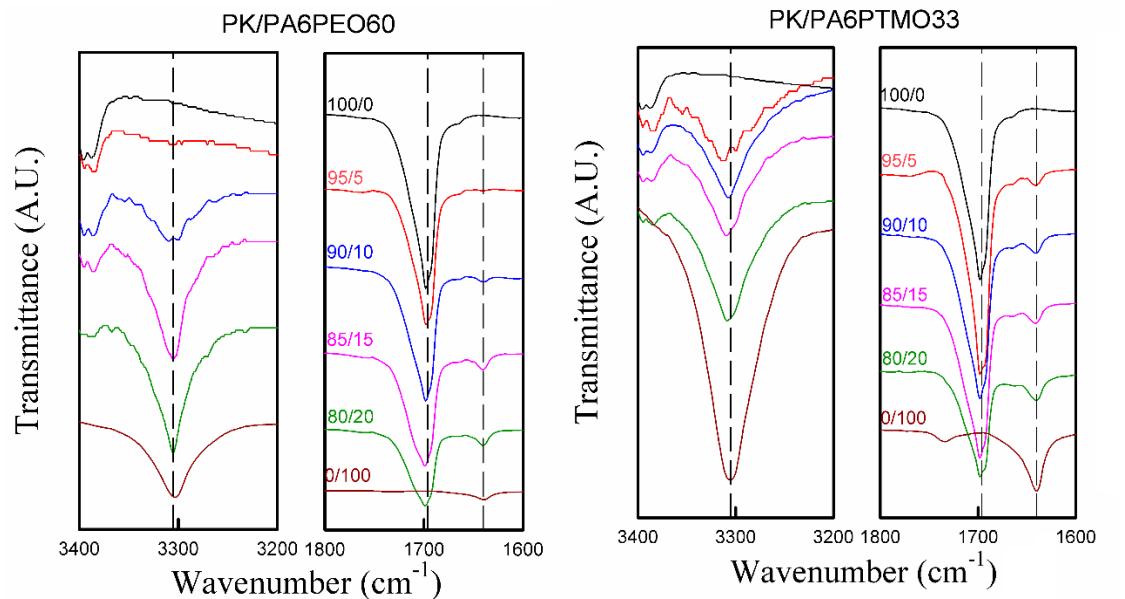
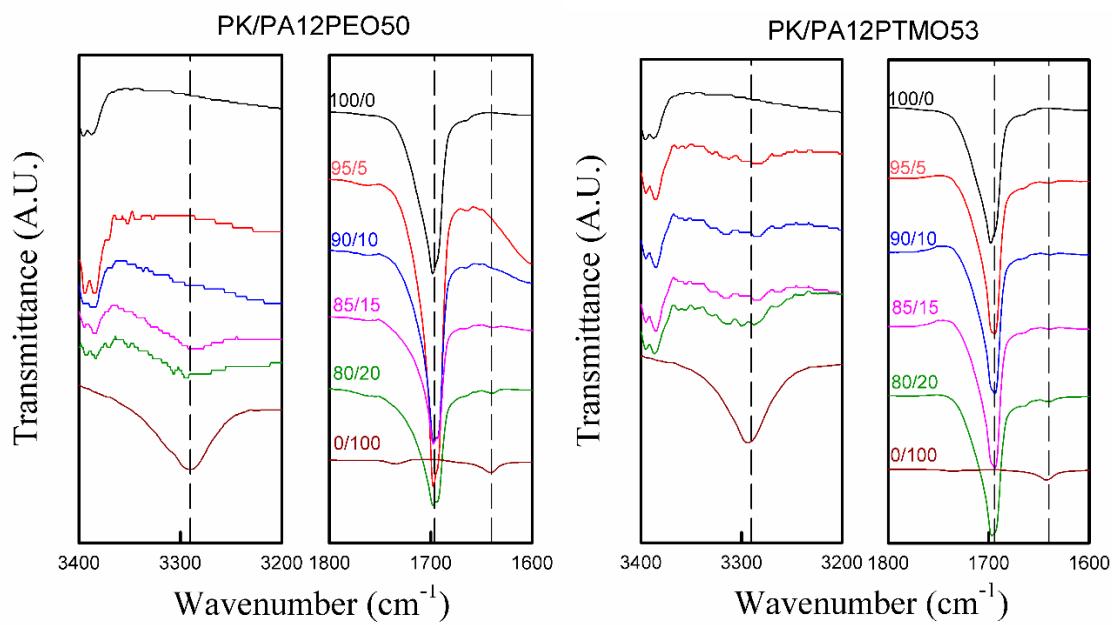


Fig. S1 Tensile test results of PK-H/PEBA blends. (a) Tensile strength of PK-H/PEBA, (b) Tensile modulus of PK-H/PEBA.



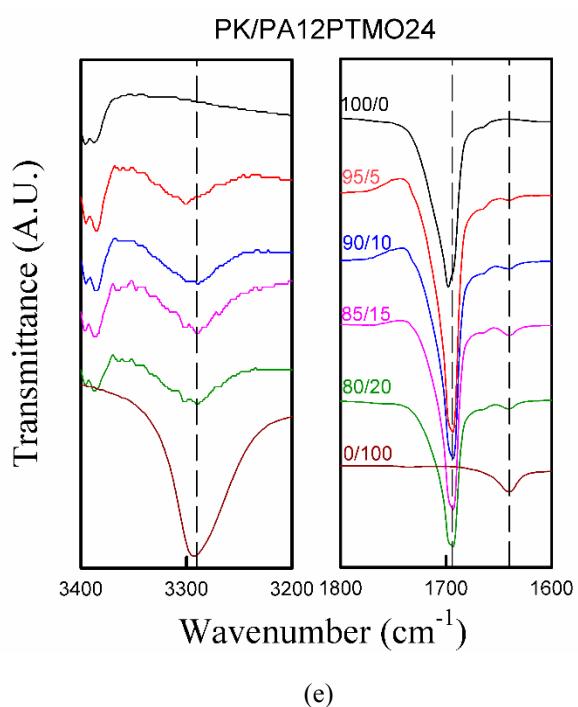
(a)

(b)



(c)

(d)



(e)

Fig. S2 FTIR spectra of PK-L/PEBA blends. (a) PK-L/PA6PEO60, (b) PK-L/PA6PTMO33, (c) PK-L/PA12PEO50 (d) PK-L/PA12PTMO53, (e) PK-L/PA12PTMO24

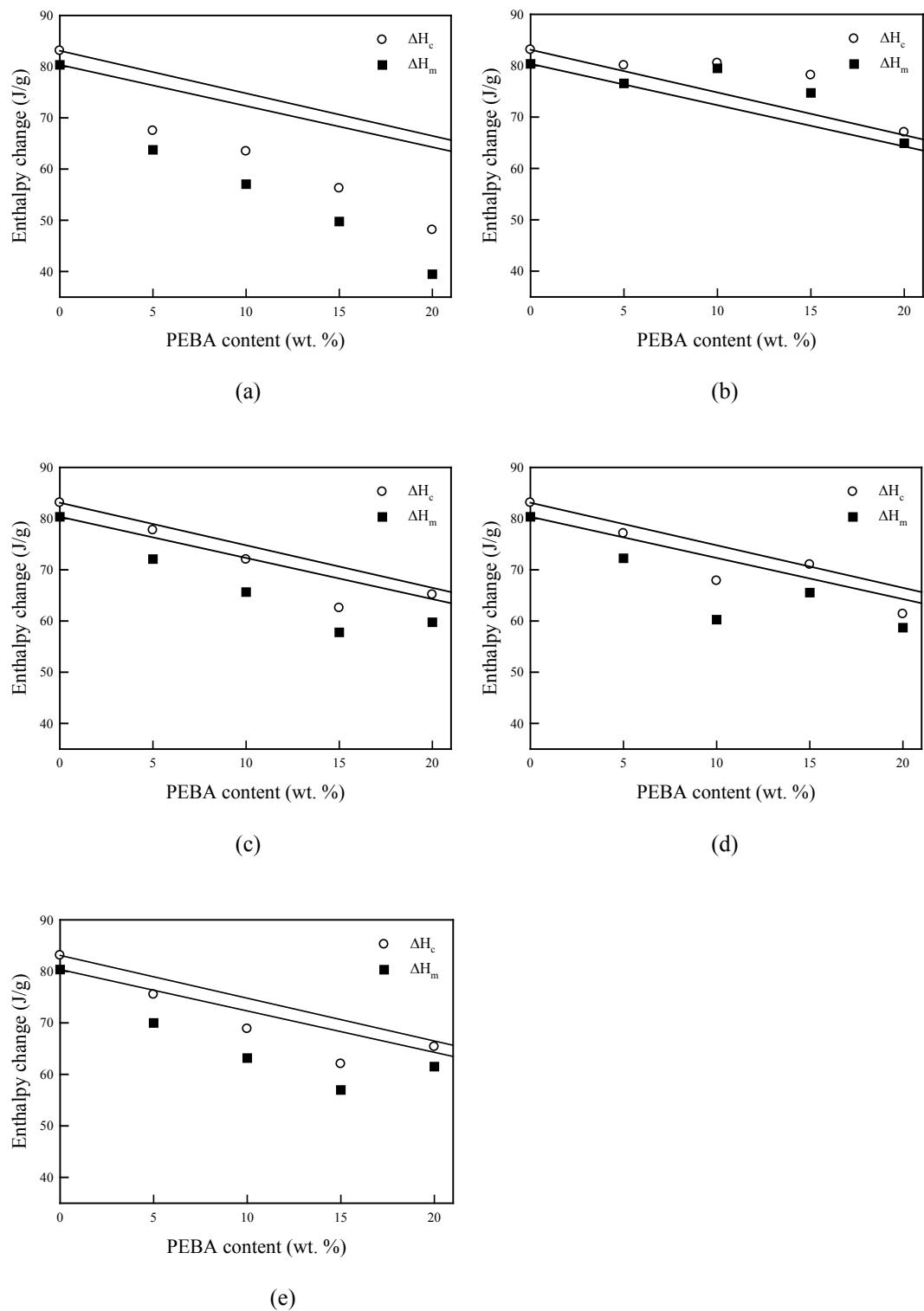


Fig. S3 ΔH_c and ΔH_m of PK-L and PK-L/PEBA blends. (a) PK-L/PA6PEO60, (b) PK-L/PA6PTMO33, (c) PK-L/PA12PEO50 (d) PK-L/PA12PTMO53, (e) PK-L/PA12PTMO24

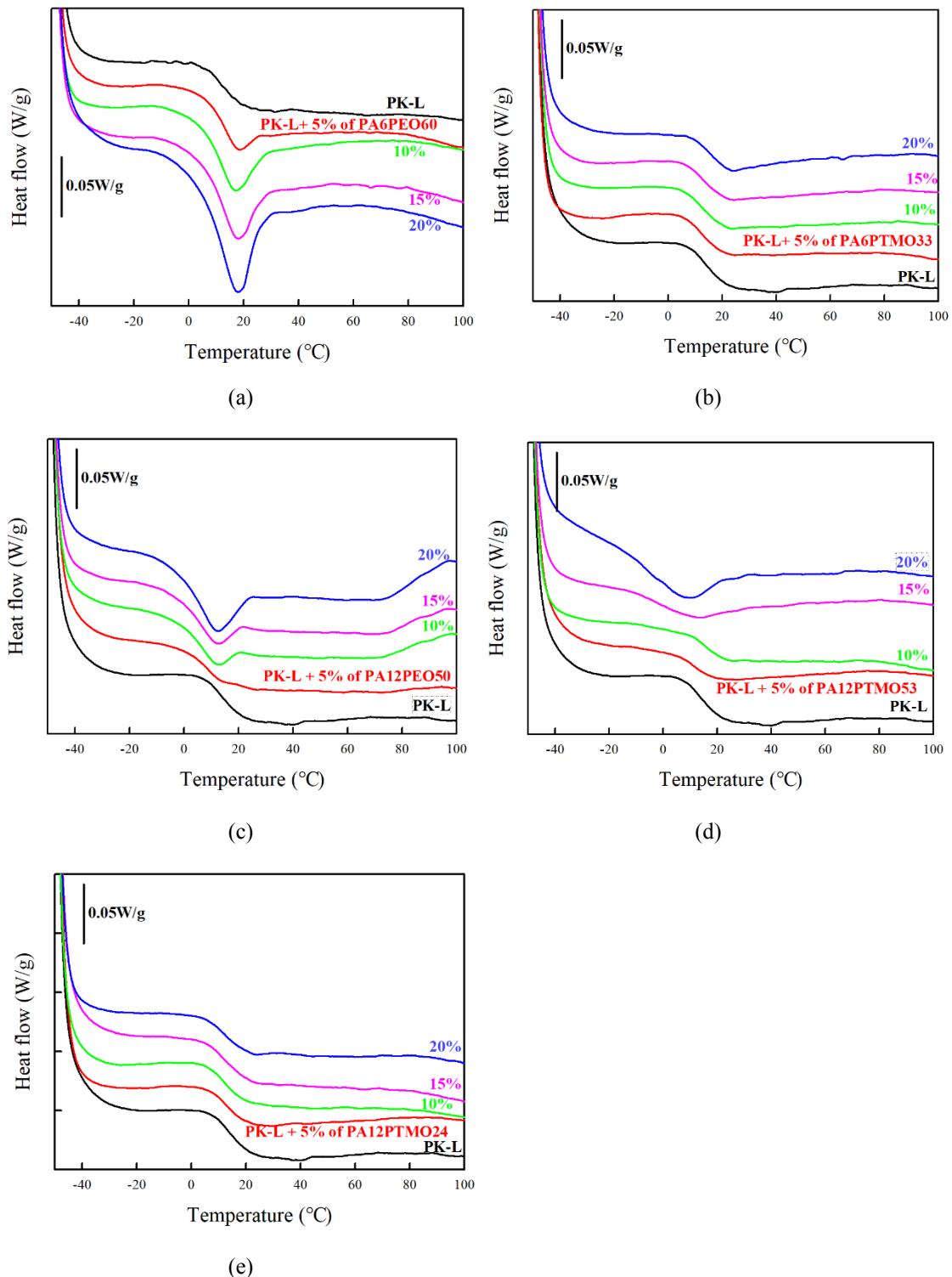


Fig. S4 DSC heating thermograms of PK-L and PK-L/PEBA blends near T_g of PK-L phase. (a) PK-L/PA6PEO60, (b) PK-L/PA6PTMO33, (c) PK-L/PA12PEO50 (d) PK-L/PA12PTMO53, (e) PK-L/PA12PTMO24