Supporting information

Molecular dynamics study of polyisoprene-polystyrene composites: spatial complementary behavior†

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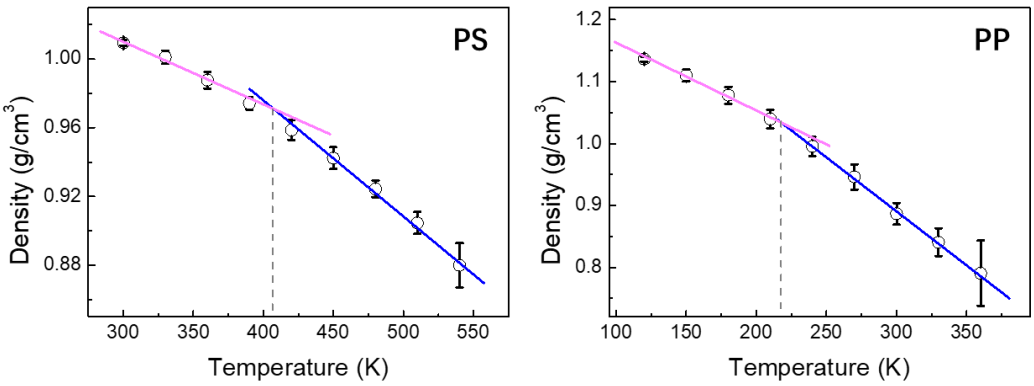

Figure S1. The glass transition temperature for PP and PS.

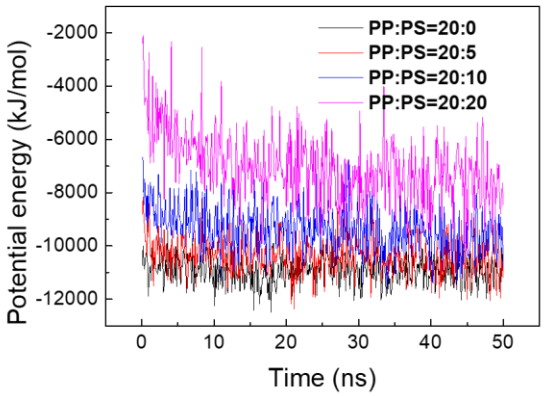

Figure S2. Time evolutions of potential energy of different mixed ratios.

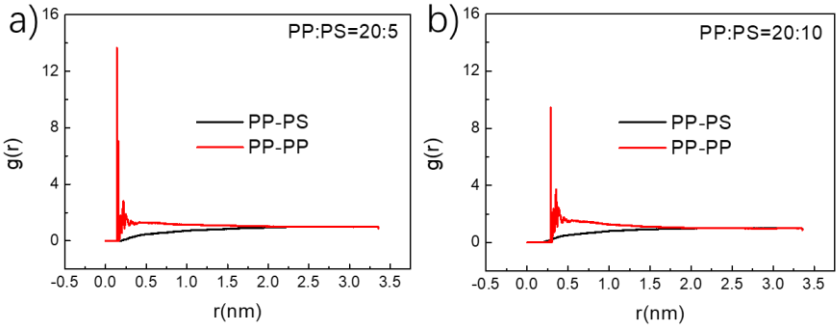

Figure S3. Radial distribution function of PP-PS and PP-PP for PP:PS=20:5 (a) and 20:10 (b).

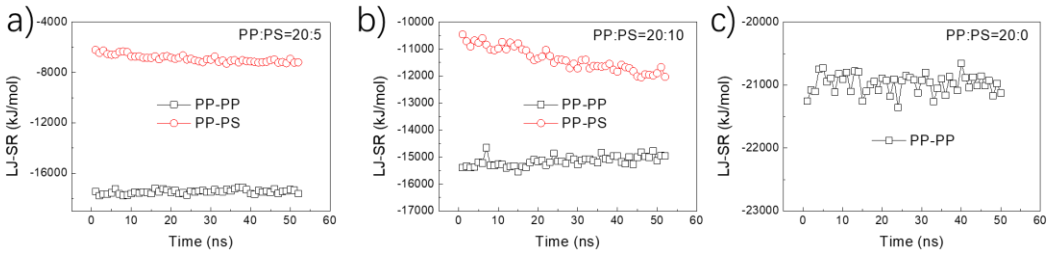

Figure S4. Time evolutions of LJ potential energy for different mixed ratios, 20:5（a），20:10 (b), 20:0 (c), respectively.

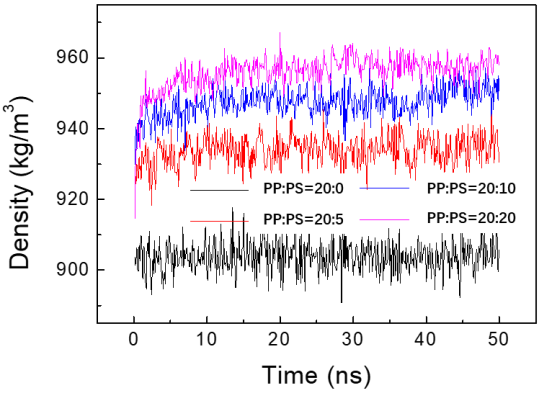

Figure S5. Time evolutions of density for different mixed ratios.

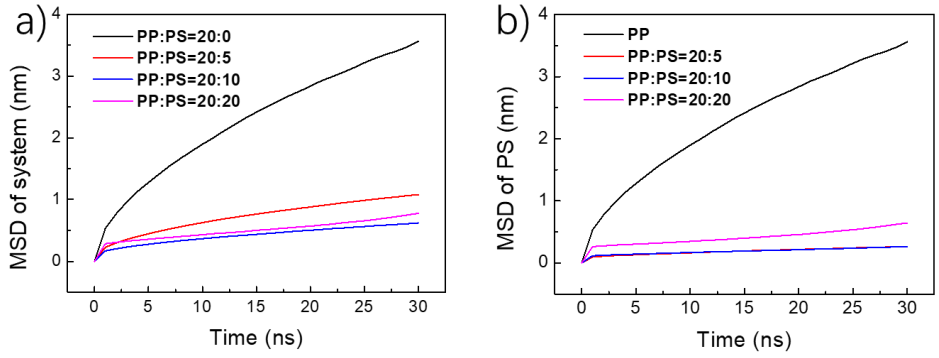

Figure S6. Mean square displacement of system and PS for different mixed ratios.