Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2017

## Supplementary information

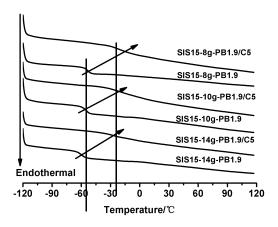
## Synthesis and structure-property relationships of SIS-g-PB copolymers and their application in hot-melt pressure-sensitive adhesives

Zhongfu Zhao, a\* Peiying Liu, a Chunqing Zhang, a\* Wei Liu, a Yifu Ding, b Yandong Zhang, a Fanzhi Meng, a and Tao Tang c

<sup>a</sup>State Key Laboratory of Fine Chemicals, School of Chemical Engineering, Dalian University of Technology, No.2 Linggong Road, Dalian 116024, China

<sup>b</sup>Department of Mechanical Engineering, University of Colorado Boulder, Boulder, CO 80309-0427, USA

<sup>c</sup>State Key Laboratory of Polymer Physics and Chemistry, Changchun Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun 130022, China



**Fig. S1** DSC curves of SIS15-8g-PB1.9, SIS15-10g-PB1.9, SIS15-14g-PB1.9, and their blends with C5 resin (1:1)

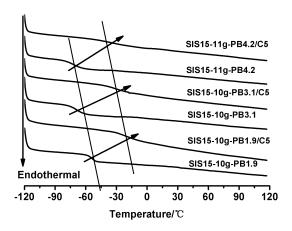


Fig. S2 DSC curves of SIS15-10g-PB1.9, SIS15-10g-PB3.1, SIS15-11g-PB4.2, and their blends with C5 resin (1:1)