## Study on the Synthesis and Thermal Stability of Silicone Resins

## **Reinforced by Si-O-Ph Cross-linking**

Huadong Zhang<sup>a</sup>, Zhongyi Yan<sup>a</sup>, Zhizhou Yang<sup>a</sup>\*, Jinshui Yao<sup>a</sup>, Qiuhong Mu<sup>b</sup>, Dan Peng<sup>b</sup>, Hui Zhao<sup>a, c</sup>

<sup>a</sup> School of Materials Science and Engineering, Qilu University of Technology (Shandong Academy of

Sciences), Jinan 250353, China

<sup>b</sup> Shandong Provincial Key Laboratory of Special Silicone-Containing Materials, Advanced Materials

Institute, Qilu University of Technology (Shandong Academy of Sciences), Jinan 250014, China

° School of Chemical Engineering, Sichuan University, Chengdu 610065, China

\* Corresponding author.

mail address: yzz@qlu.edu.cn

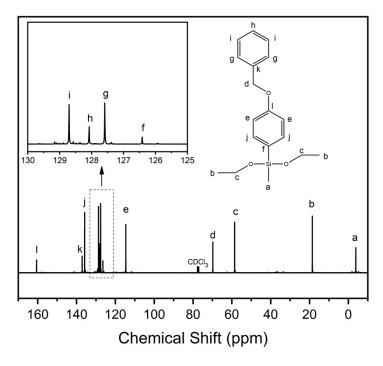


Fig. S1 <sup>13</sup>C-NMR spectrum of SBn

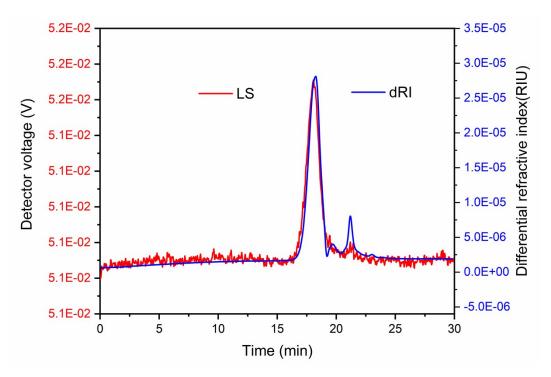


Fig. S2 The GPC curves of SR-Bn under LS and dRI detection signals