

## SUPPORTING INFORMATION

### Thiol-Ene Adhesives from Clove Oil Derivatives

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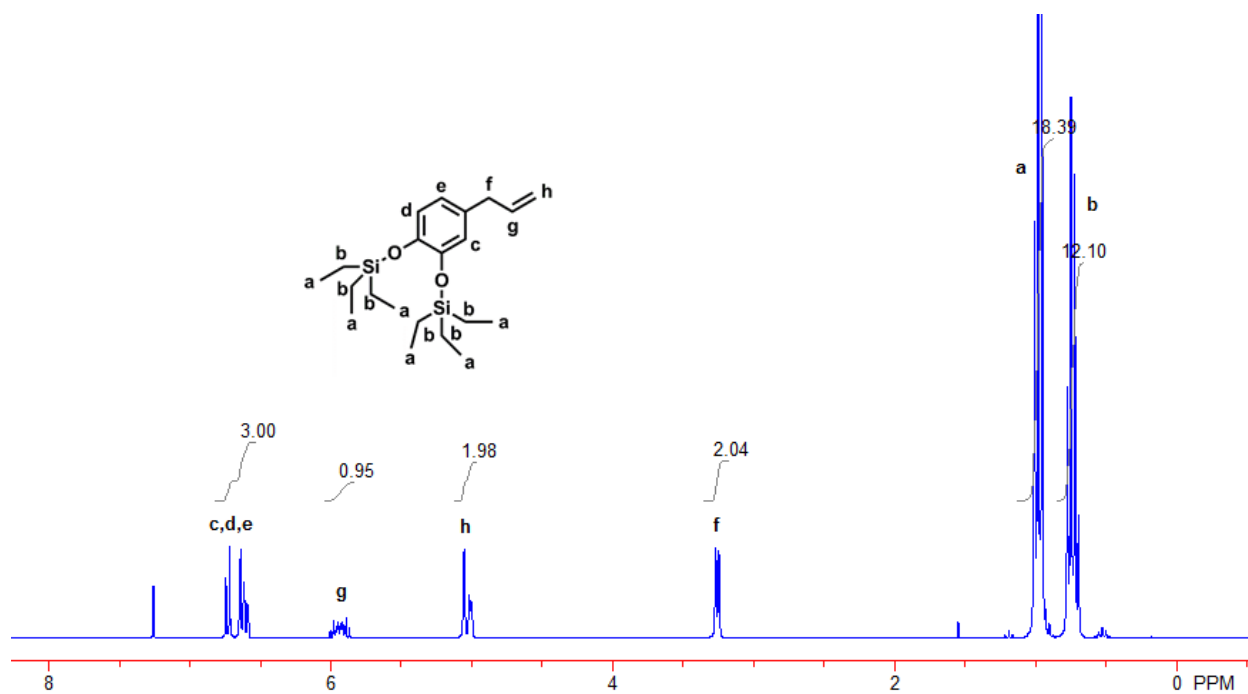


Figure S1. <sup>1</sup>H NMR spectrum of EugTES.

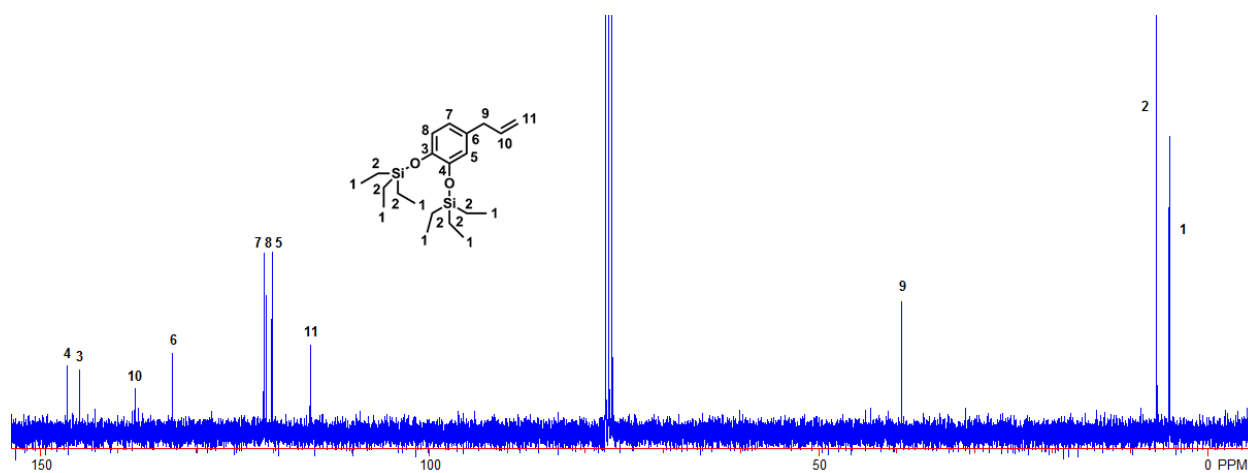
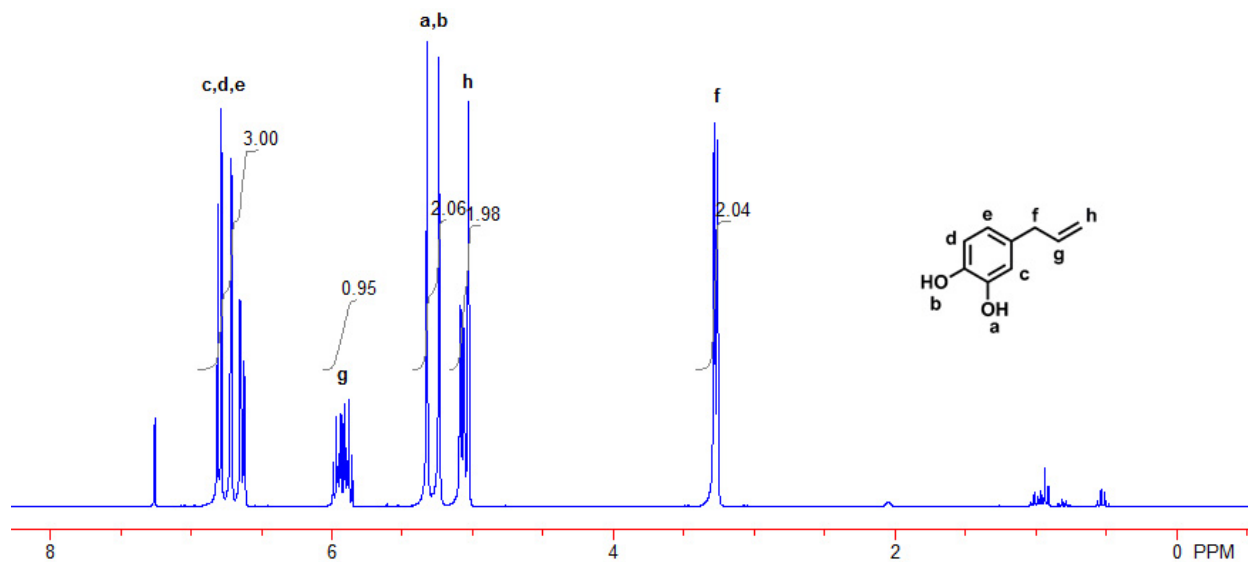
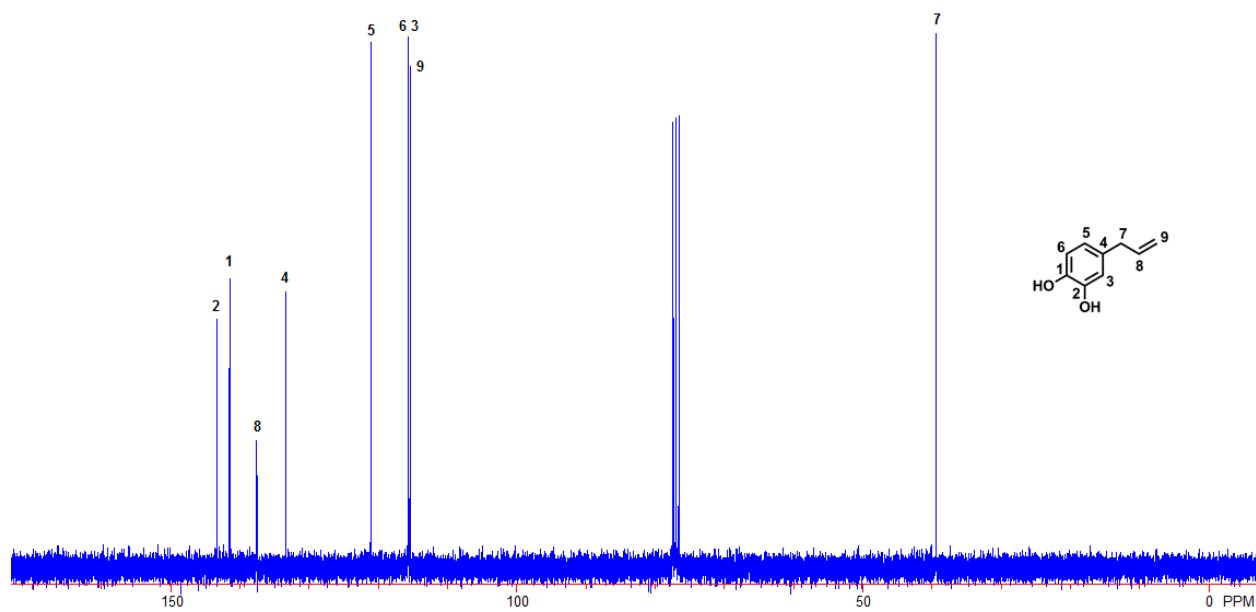


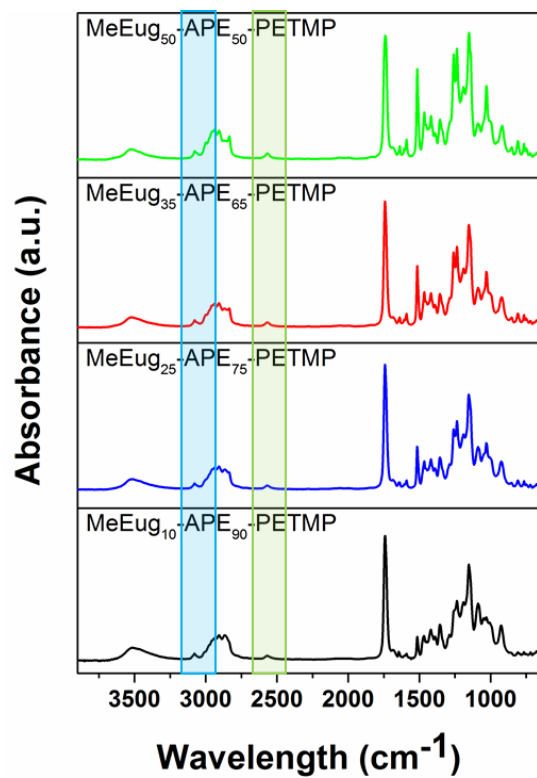
Figure S2. <sup>13</sup>C NMR spectrum of EugTES.



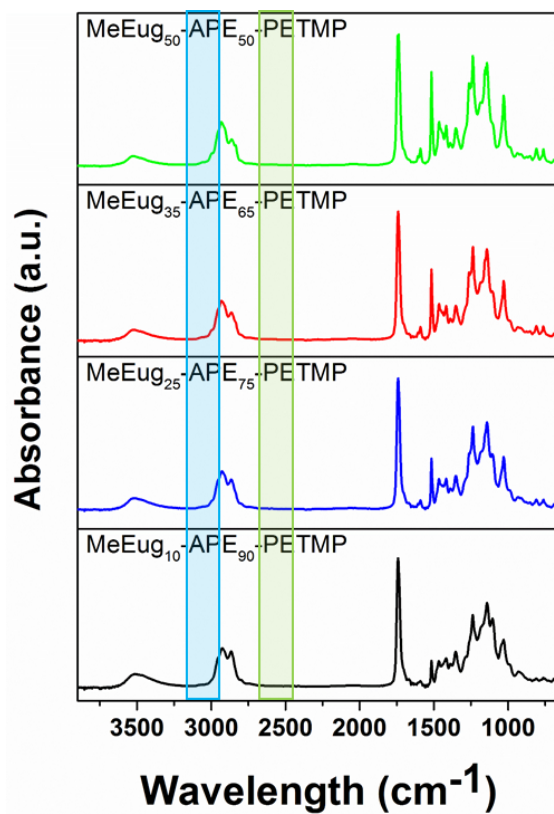
**Figure S4.** <sup>1</sup>H NMR spectrum of EugOH.



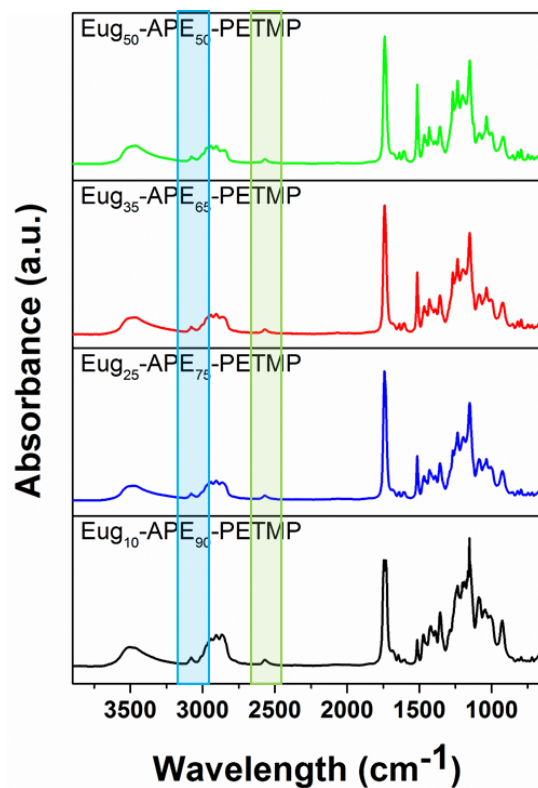
**Figure S3.** <sup>13</sup>C NMR spectrum EugOH.



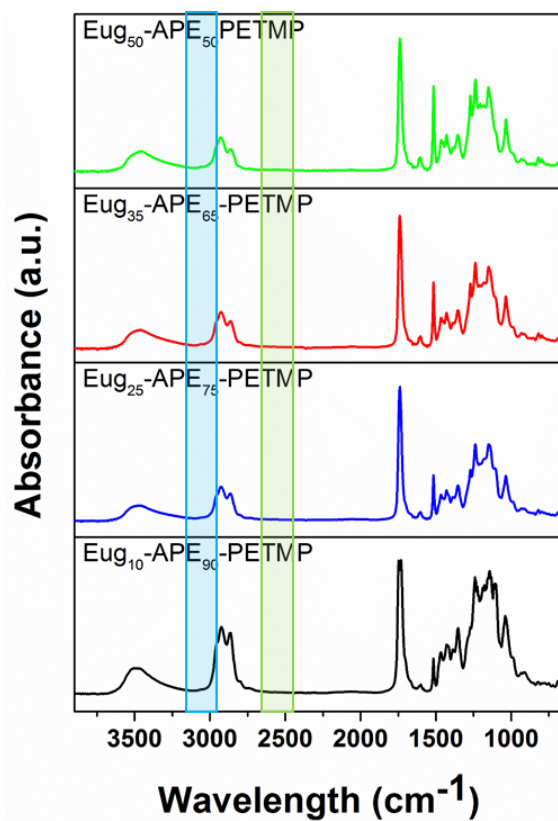
**Figure S5.** FTIR of unpolymerized MeEug-APE-PETMP monomer resins.



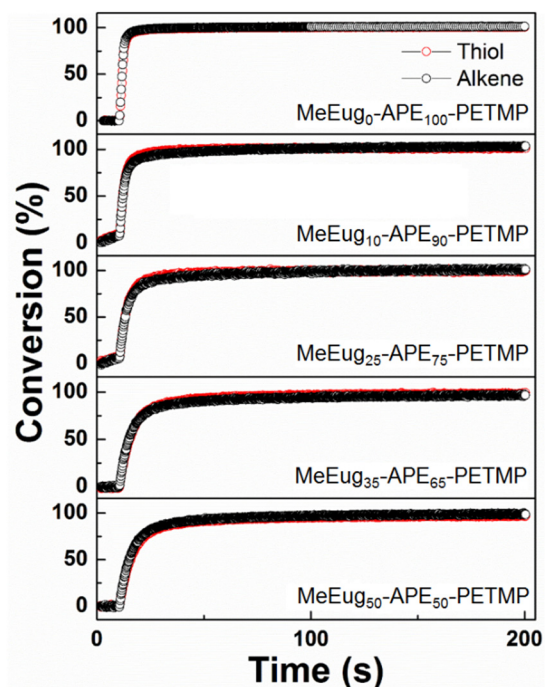
**Figure S6.** FTIR of polymerized MeEug-APE-PETMP ternary polymer networks.



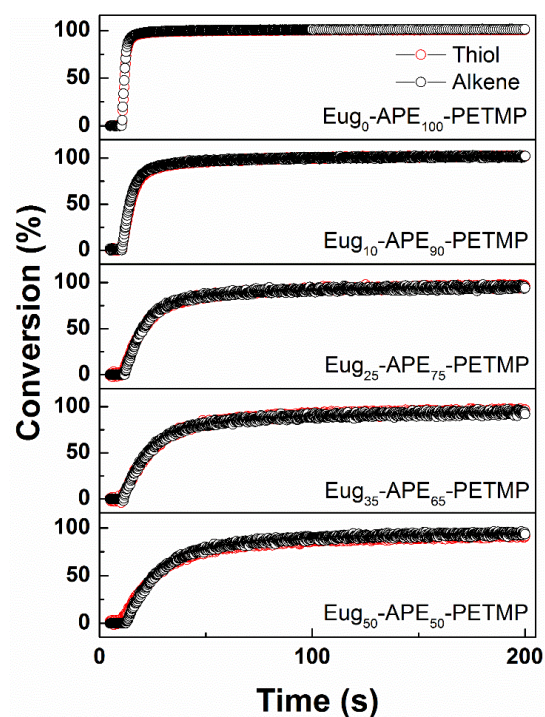
**Figure S7.** FTIR of unpolymerized Eug-APE-PETMP resins.



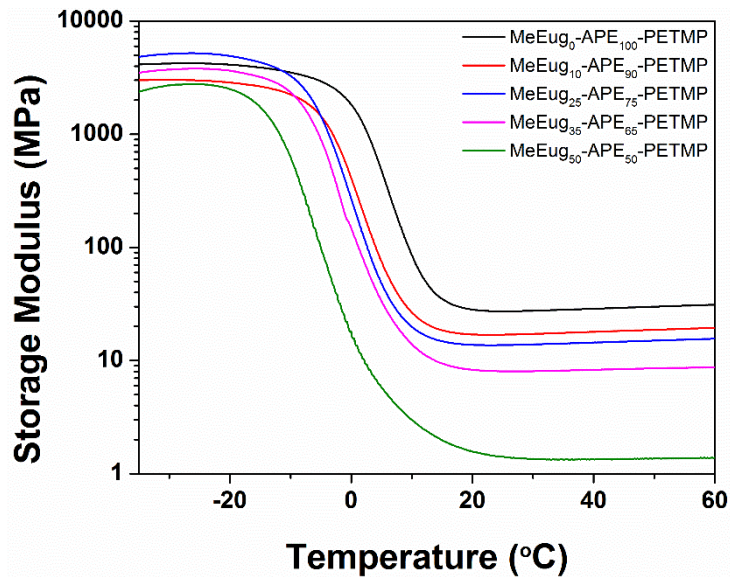
**Figure S8.** FTIR of polymerized Eug-APE-PETMP ternary polymer networks.



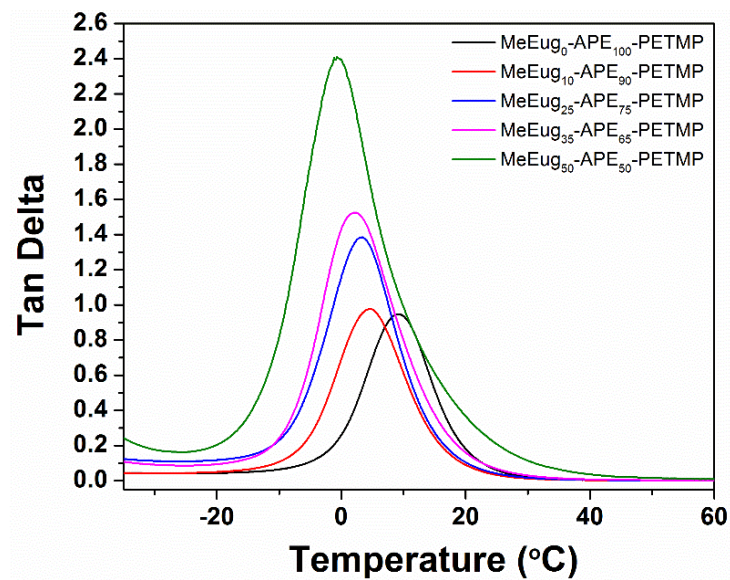
**Figure S9.** Kinetic plots of conversion vs time for MeEug-APE-PETMP thiol-ene networks. (a) 0 mol % MeEug, (b) 10 mol % MeEug, (c) 25 mol % MeEug, (d) 35 mol % MeEug, (e) 50 mol % MeEug.



**Figure S10.** Kinetic plots of conversion vs time for Eug-APE-PETMP thiol-ene networks. (a) 0 mol % Eug, (b) 10 mol % Eug, (c) 25 mol % Eug, (d) 35 mol % Eug, (e) 50 mol % Eug.

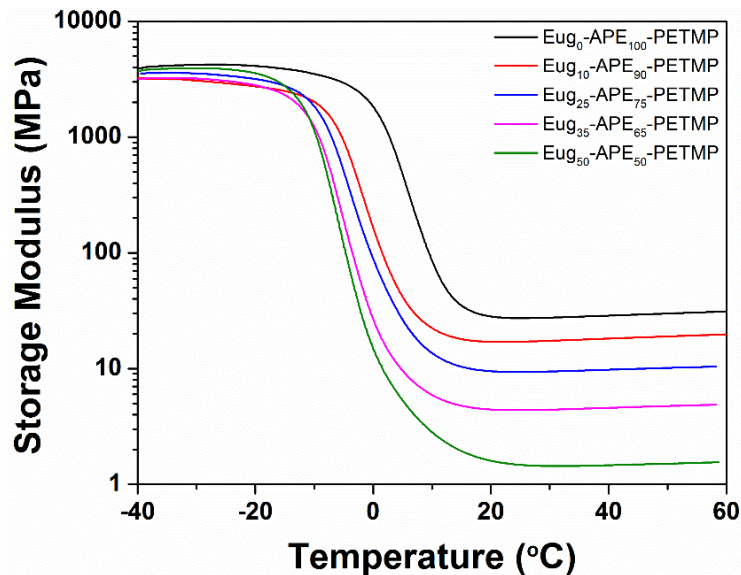


**Figure S11.** Storage modulus vs. temperature for the MeEug-APE-PETMP polymer networks with varying concentrations of MeEug (0-50 mol%).

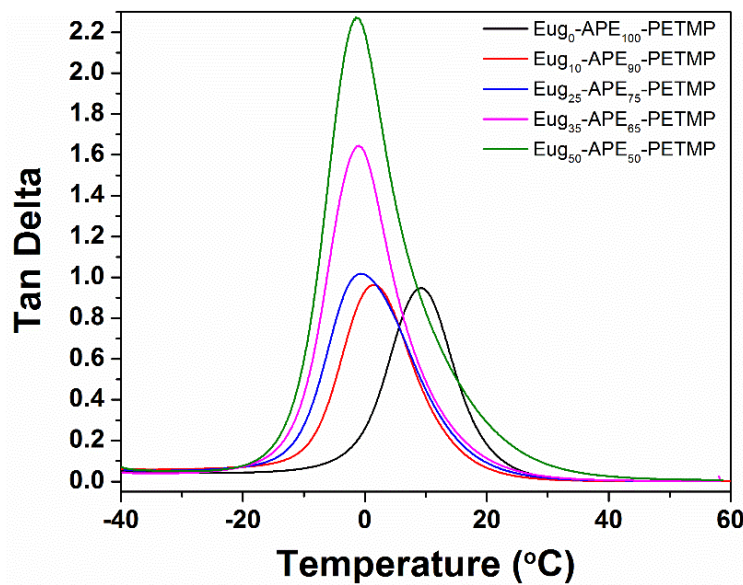


**Figure S12.** Tan  $\delta$  vs. temperature for the MeEug-APE-PETMP polymer networks with varying concentrations of MeEug (0-50 mol %).





**Figure S13.** Storage modulus vs. temperature for the Eug-APE-PETMP polymer networks with varying concentrations of Eug (0-50 mol%).



**Figure S14.**  $\tan \delta$  vs. temperature for the Eug-APE-PETMP polymer networks with varying concentrations of Eug (0-50 mol %).