

Supporting Information

Tuning the Dynamic Fragility of Acrylic Polymers by Small Molecules: The Interplay of Hydrogen Bonding Strength

Chongyang Liu, Zhiyuan Liu, Xiaotong Yin, Guozhang Wu*

Shanghai Key Laboratory of Advanced Polymeric Materials, School of Materials Science & Engineering, East China University of Science & Technology, 130 Meilong Rd., Shanghai 200237, China

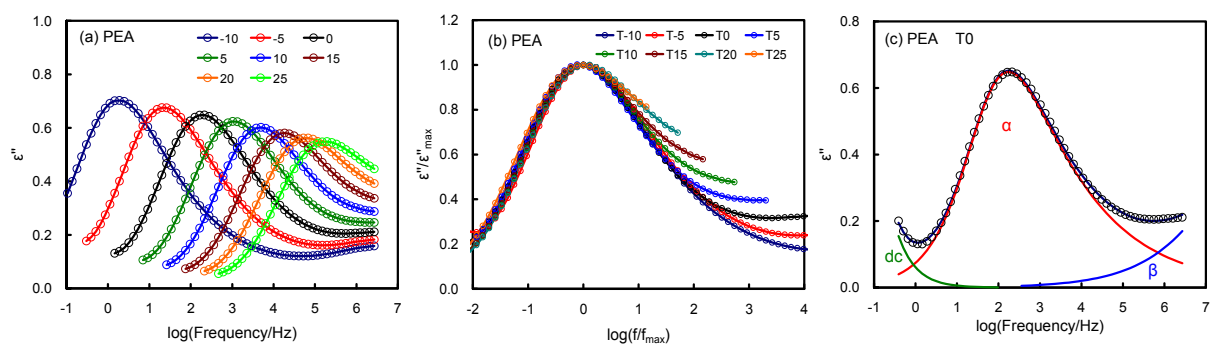
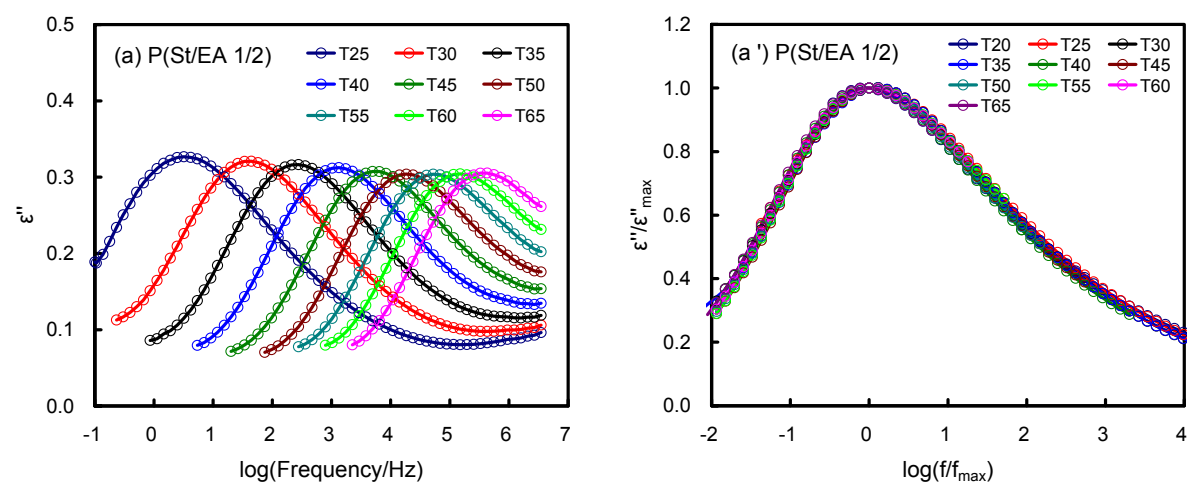


Figure S1. Dielectric result of PEA (a) dielectric loss spectra at various temperatures; (b) normalized dielectric loss spectra; (c) Scheme of curve fitting using HN equation. The red, blue and green lines represent α , β and dc conductivity, respectively.



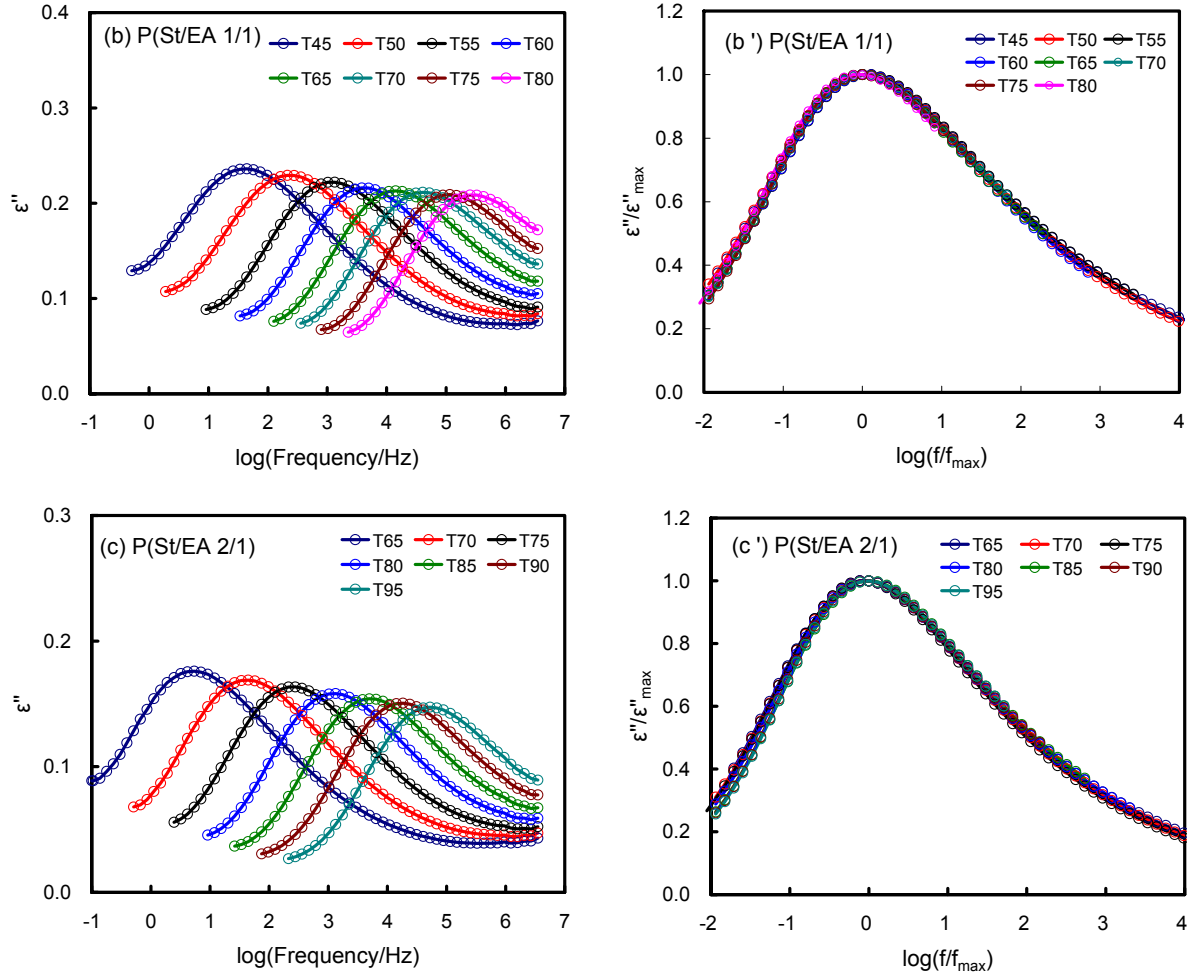


Figure S2. Dielectric loss spectra of (a) P(St/EA 1/2), (b) P(St/EA 1/1) and (c) P(St/EA 2/1); (a'), (b') and (c') are their normalized dielectric loss curves.

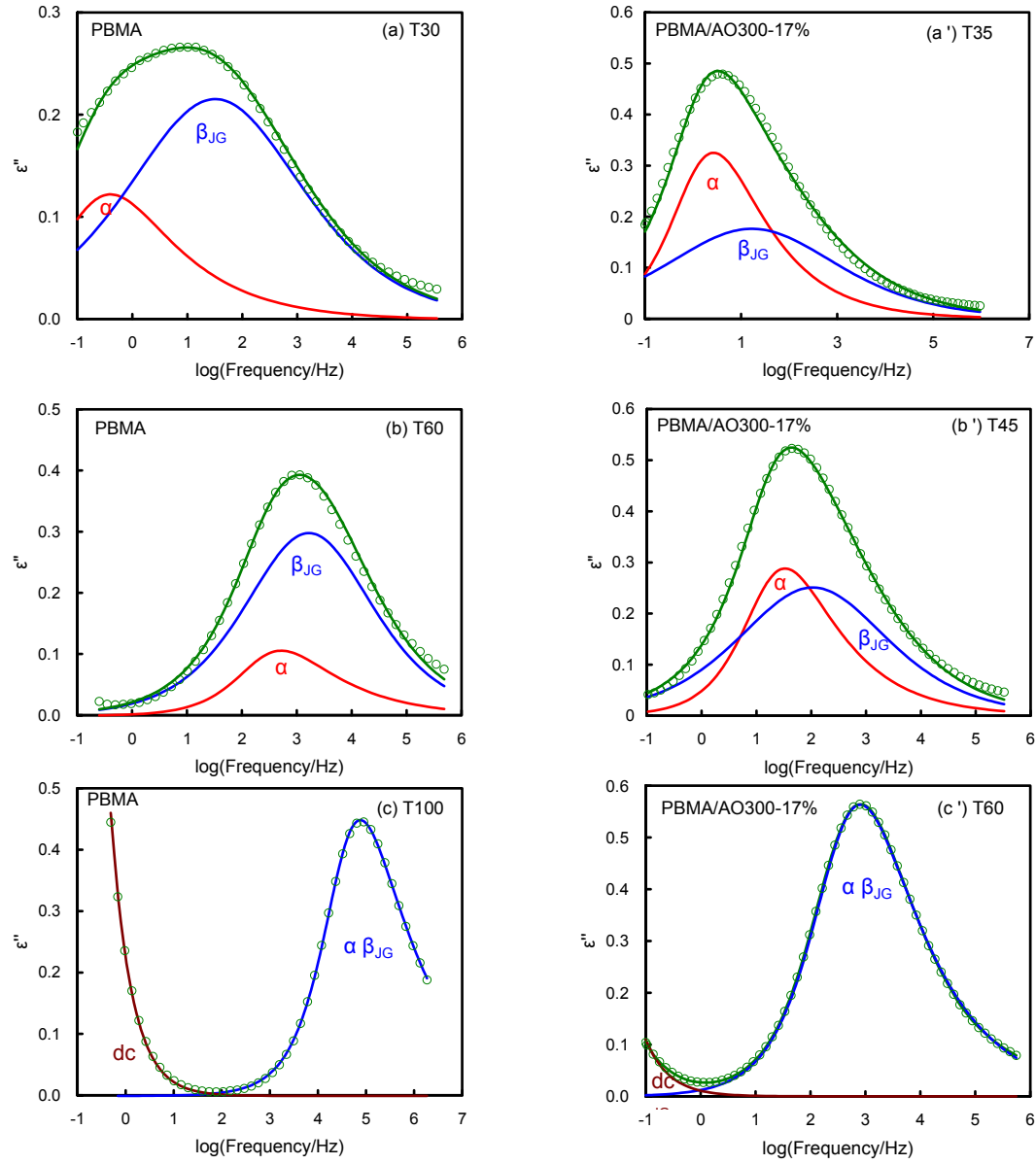


Figure S3. Curve fitting results using HN equation for PBMA at temperature of (a) 30 °C; (b) 60 °C; (c) 100 °C and for PBMA/AO300-17% at temperature of (a') 35 °C; (b') 45 °C and (c') 60 °C.