

Electronic Supplementary Information

Highly stretchable, transparent and scalable elastomers with tunable dielectric permittivity

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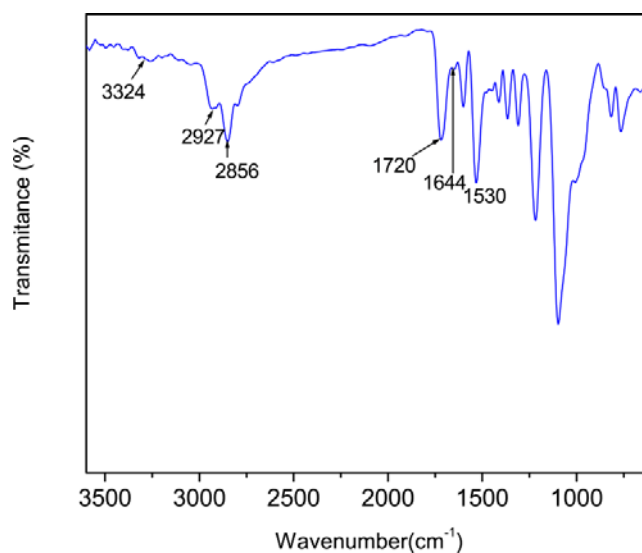


Fig. S1 FT-IR spectra of hyperbranched polyurethane.

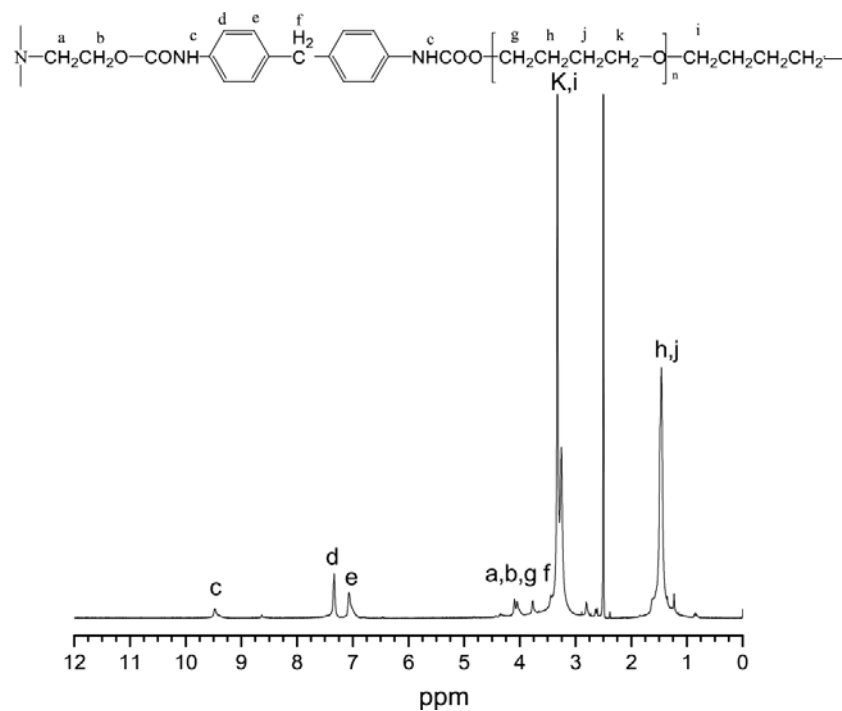


Fig. S2 ¹H NMR spectra of hyperbranched polyurethane.

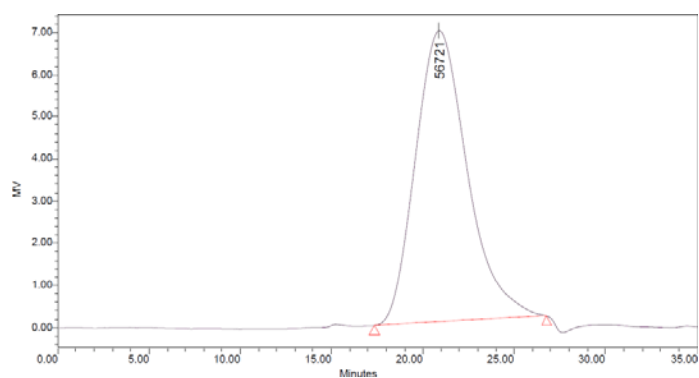


Fig. S3 Gel permeation chromatography of hyperbranched polyurethane.

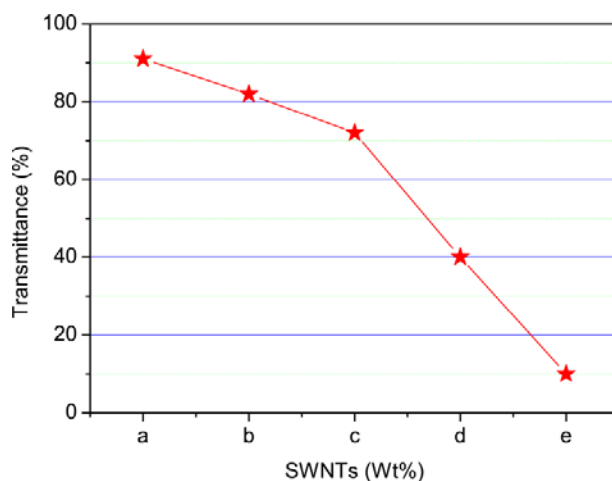


Fig. S4 Transmittance at 800 nm of HPU/0.01% SWNT(a), HPU/0.1% SWNT (b), HPU/1% SWNT, (c) HPU/2% SWNT (d), HPU/4% SWNT (e) nanocomposites.

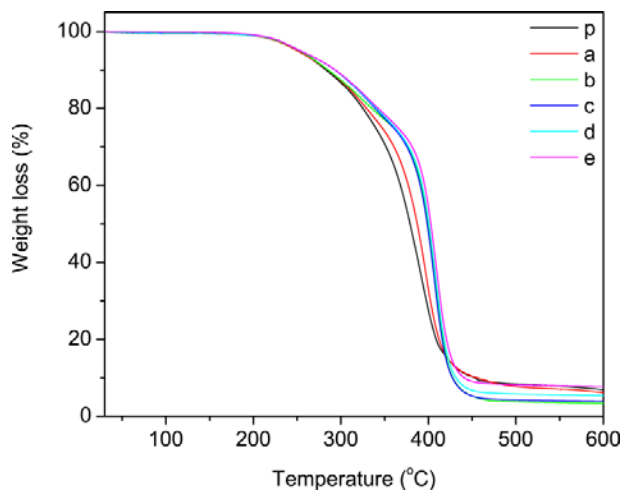


Fig. S5 TGA thermogram of HPU/0.01% SWNT(a), HPU/0.1% SWNT (b), HPU/1% SWNT (c), HPU/2% SWNT (d), and HPU/4% SWNT (e) nanocomposites and pure HPU (P).