

Supplementary files

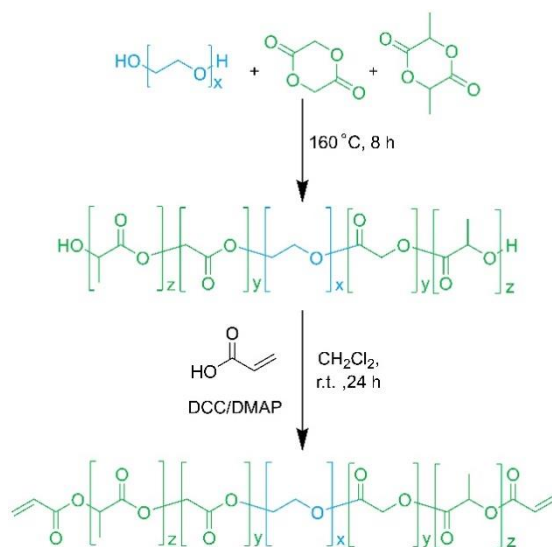


Figure S1. Synthesis process of P4DA.

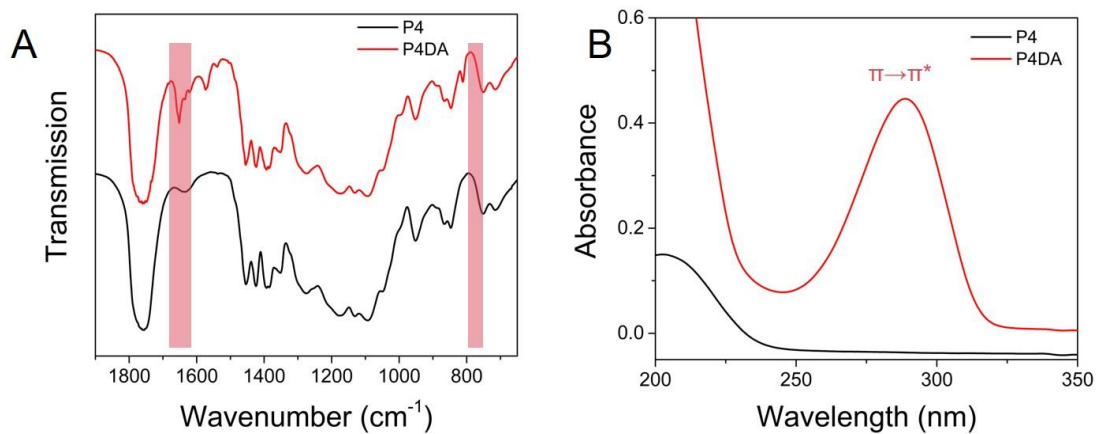


Figure S2. FTIR spectra (A) and UV absorption spectra (B) of P4 and P4DA.

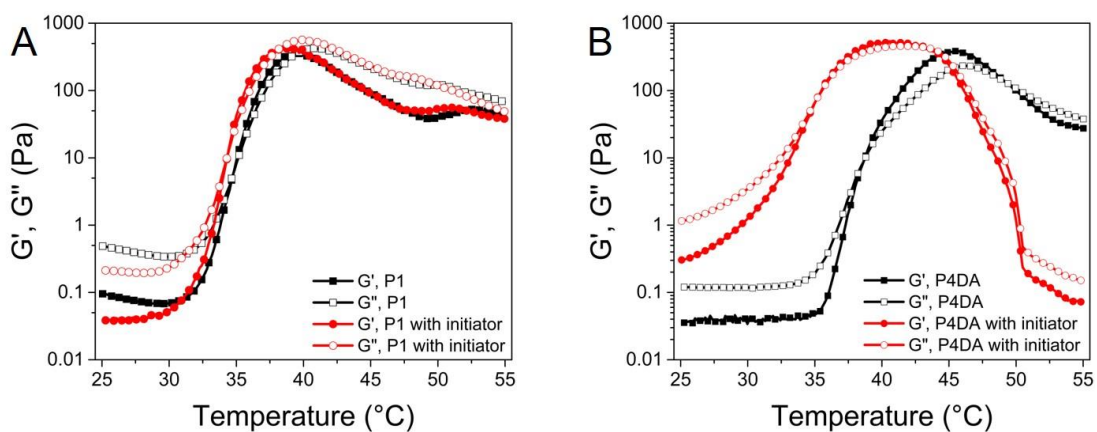


Figure S3. Storage modulus and loss modulus as a function of temperature of P1 (A) and P4DA (B) with and without initiator.

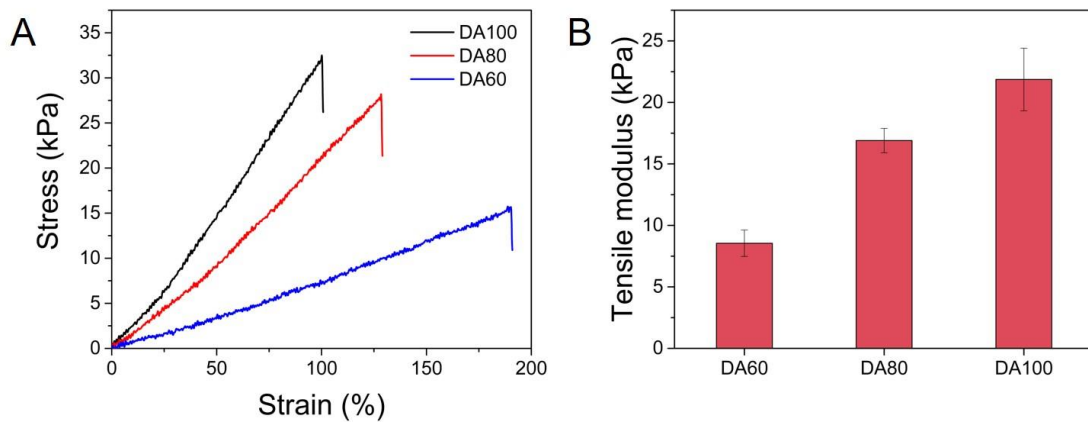


Figure S4 Tensile stress-strain curves (**A**) and the corresponding tensile modulus (**B**) of DA60, DA80, and DA100.