

Supplementary Materials

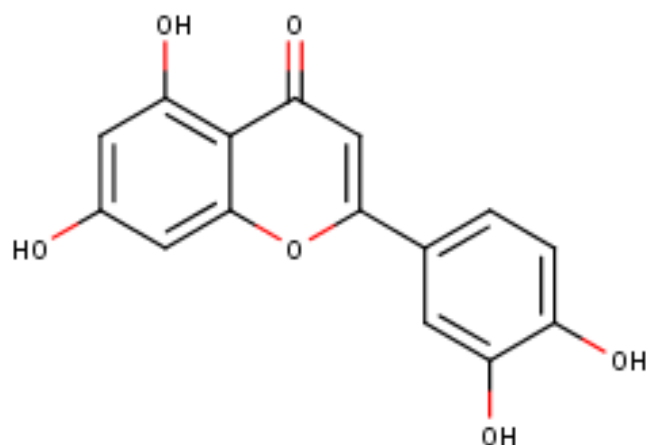


Figure S1. Structural formula of LUT.

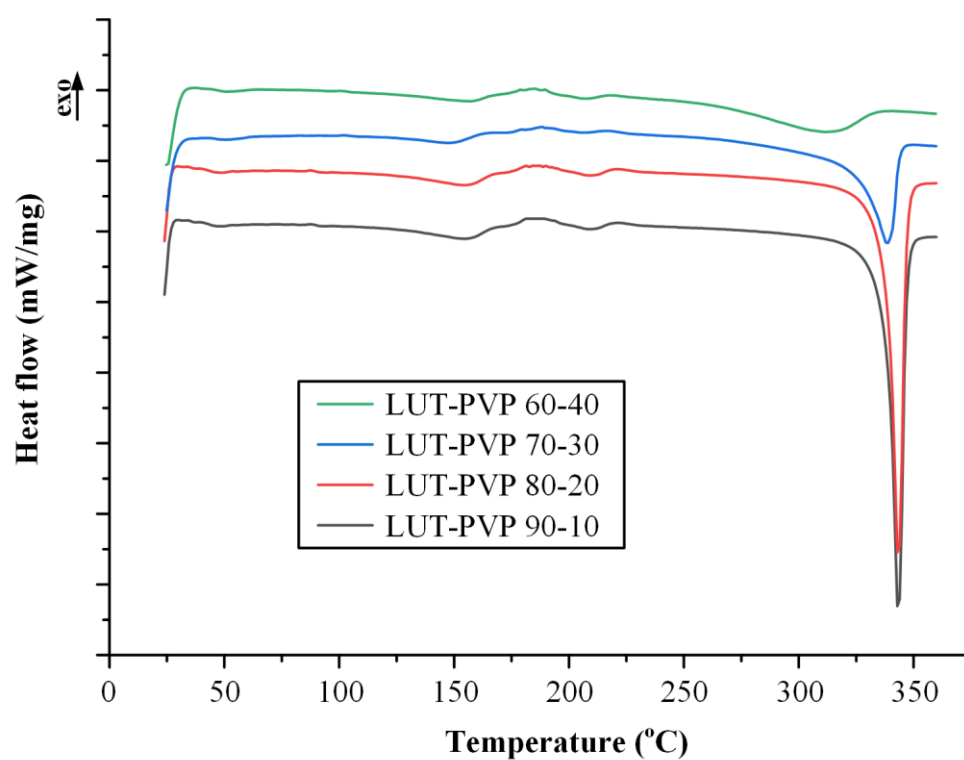


Figure S2. DSC thermograms of LUT-PVP binary mixtures (1st heating scan), used for the determination of FH parameter (χ).

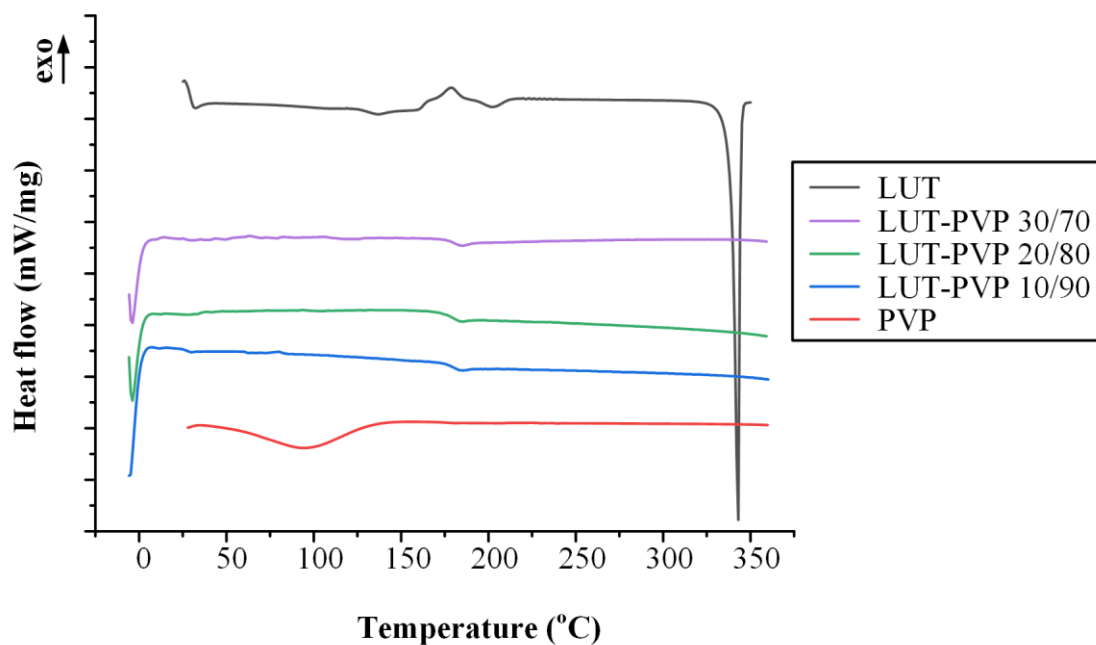


Figure S3. DSC thermograms of neat LUT, near PVP and LUT-PVP ASDs at weight ratios of 10, 20 and 30 % w/w of LUT to PVP.

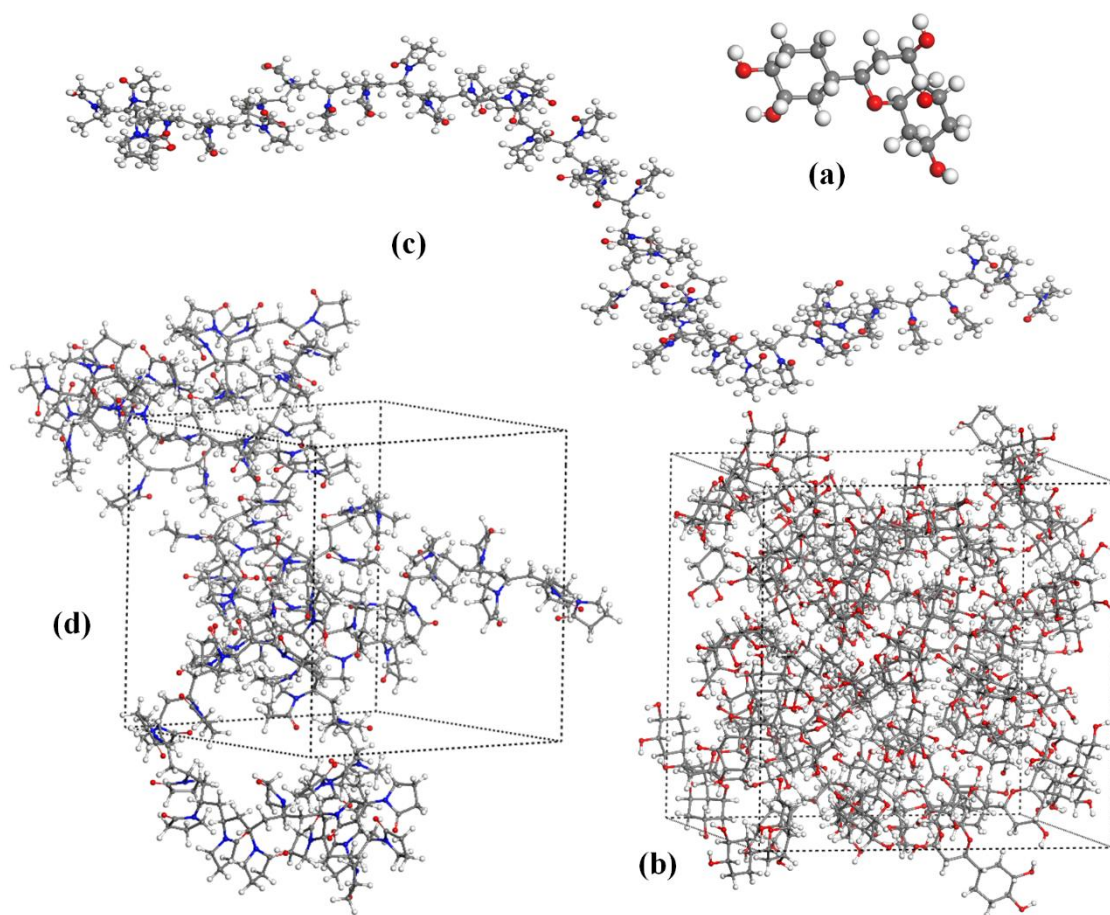


Figure S4. Chemical structures of LUT (a), MD-simulation box containing 20 LUT molecules (b) 20-monomer PVP chain (c), and MD-simulation box containing two amorphous 20-monomer chains of PVP (d) (hydrogen atoms with white, carbon atoms with grey, oxygen atoms with red and nitrogen atoms with blue).

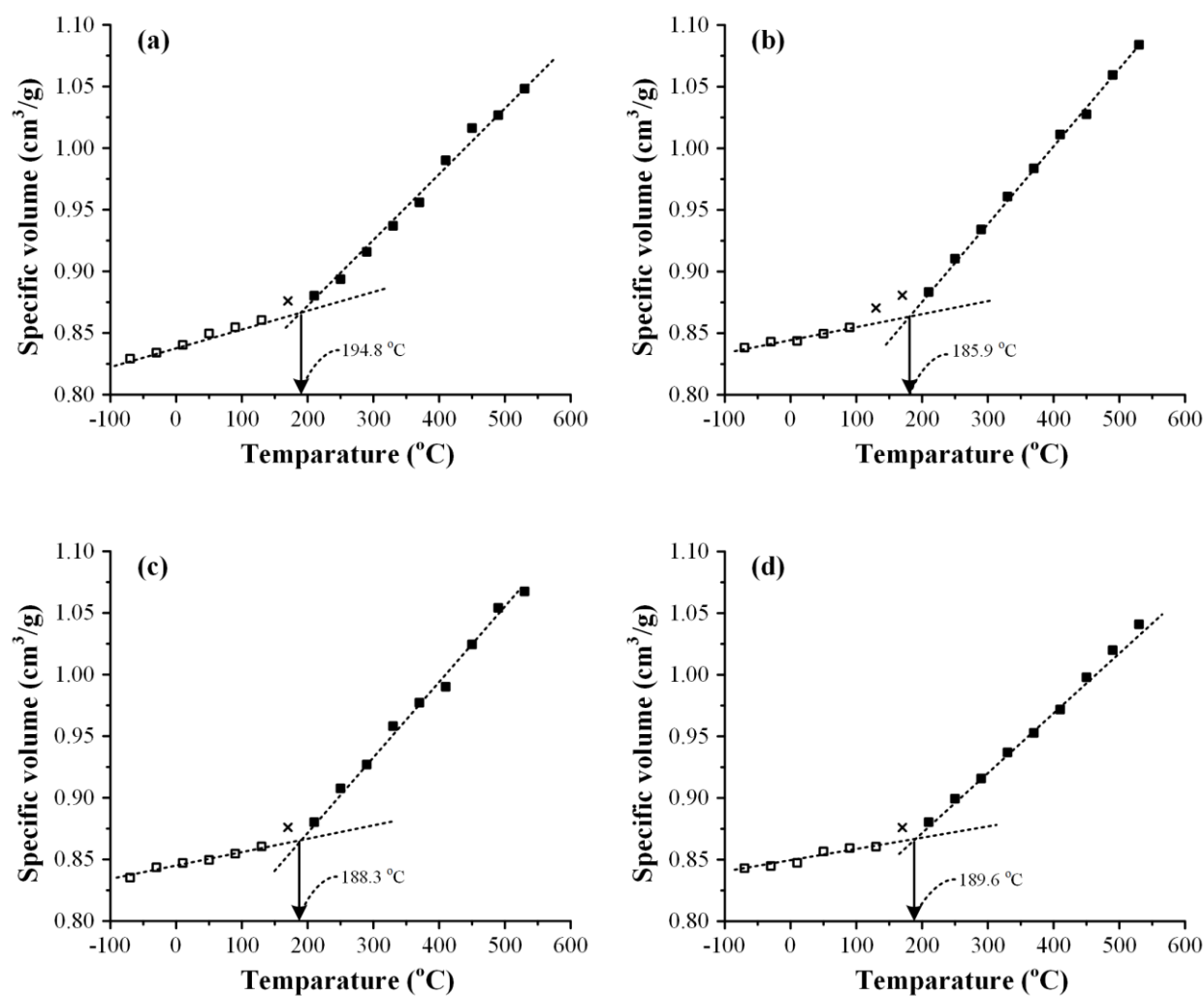


Figure S5. Specific volume (v) *vs.* temperature for neat LUT (a) and LUT-PVP 10% (b), 20% (c) and 30% (d) w/w LUT (values corresponding to the glassy state are depicted with - \square - and the rubbery state with - \blacksquare -). Values that were not used in the analysis were shown with - \times -).