Supporting information

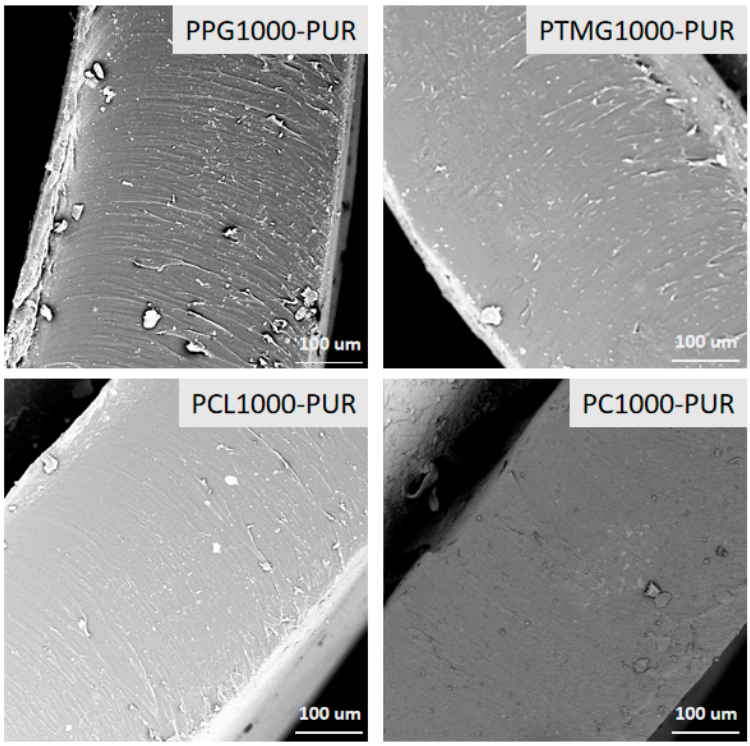


Figure S1. SEM of the four PUR cross sections.

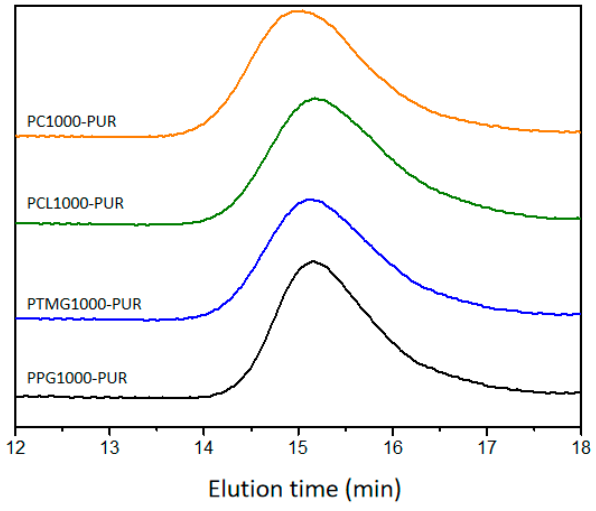


Figure S2. GPC curves of the PURs.

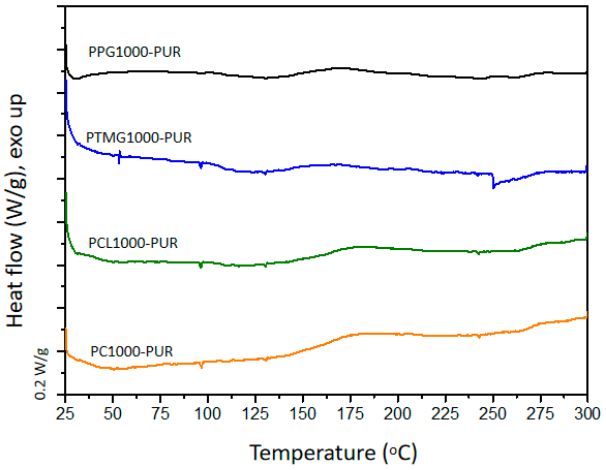


Figure S3. DSC curves of the PURs for the first heating scans.

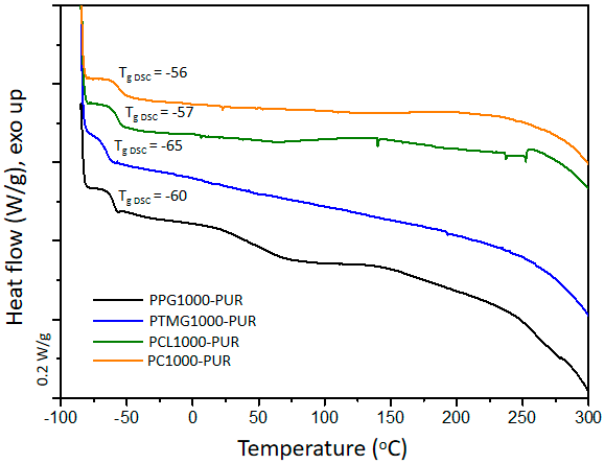


Figure S4. DSC curves of the PURs for the second heating scans.

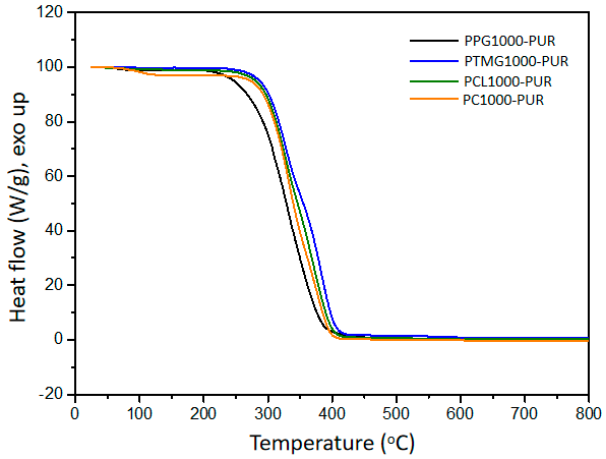


Figure S5. TGA curves of the PURs.

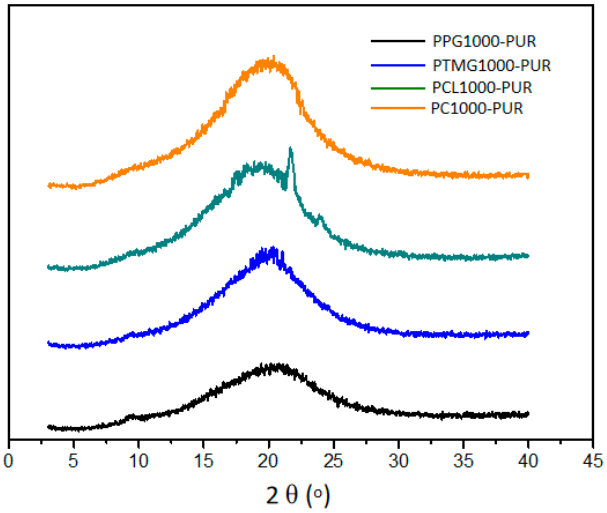


Figure S6. WAXD profiles of the PURs.

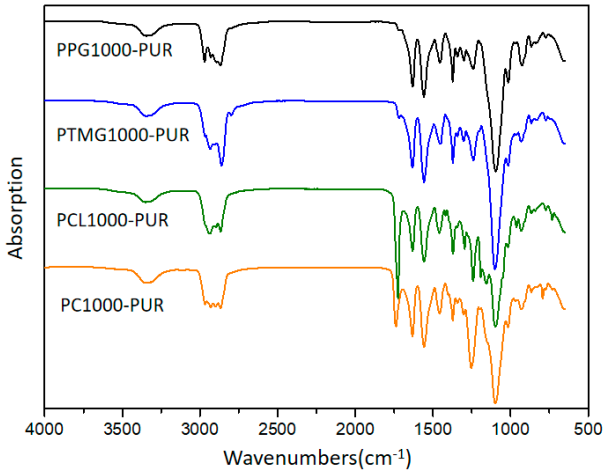


Figure S7. AFM images of the PURs.

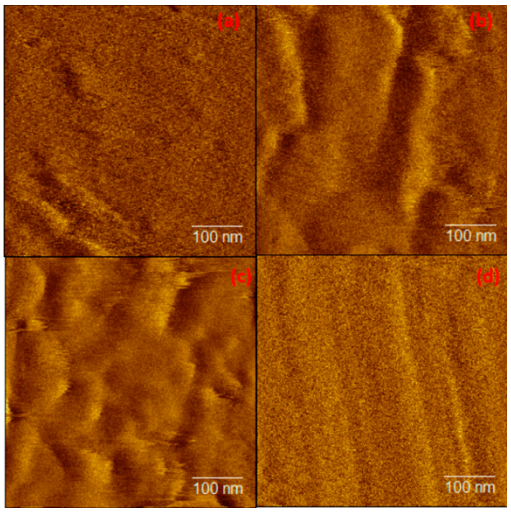


Figure S8. AFM images of the PURs: (a) PPG1000-PUR, (b) PTMG1000-PUR, (c) PCL1000-PUR, (d) PC1000-PUR.

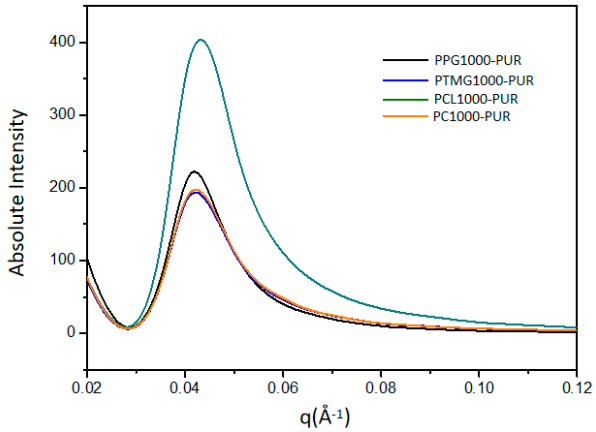


Figure S9. SAXS profiles of the PURs.

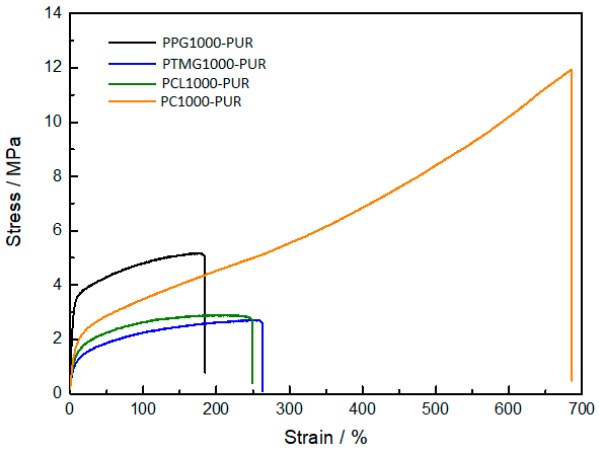


Figure S10. Stress-strain curves of the PURs.