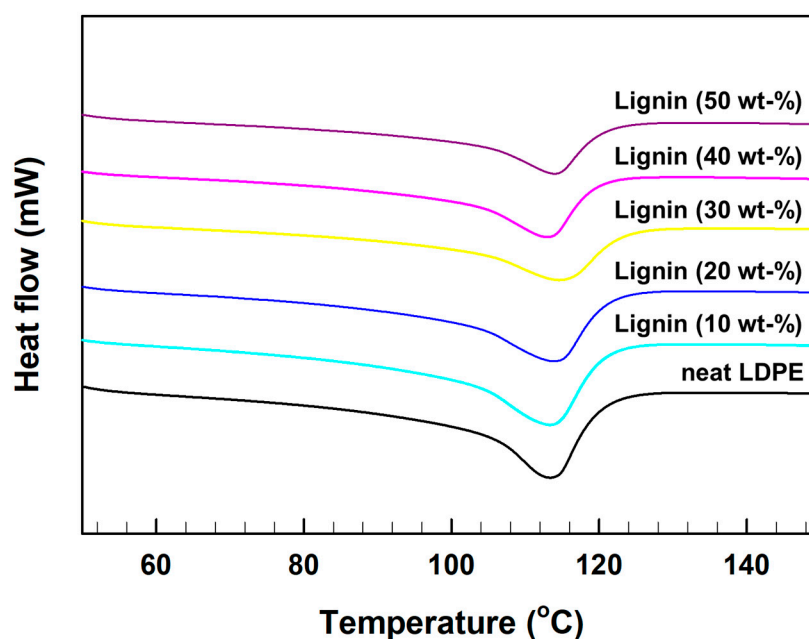
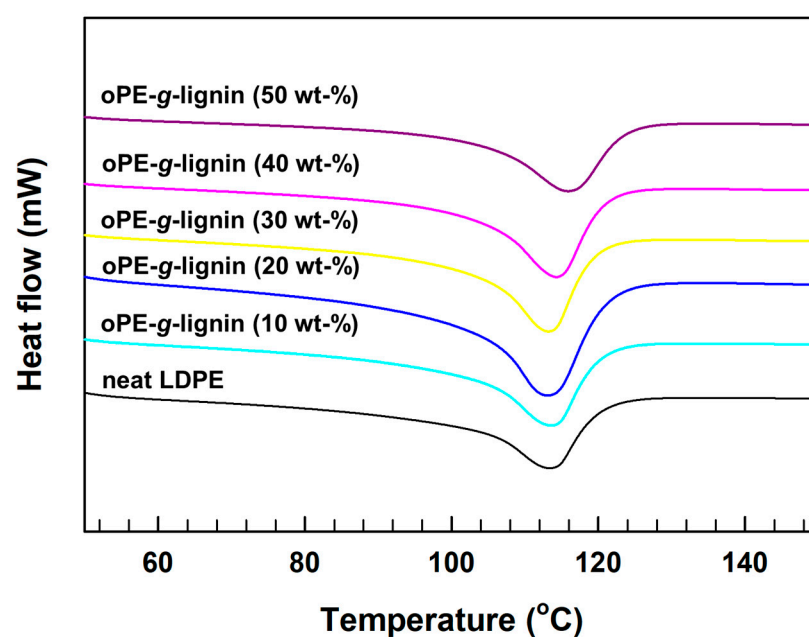


Supplementary Materials: Construction, Physical Properties and Foaming Behavior of High-content Lignin Reinforced Low-density Polyethylene Biocomposites

Seo-Hwa Hong and Seok-Ho Hwang



A



B

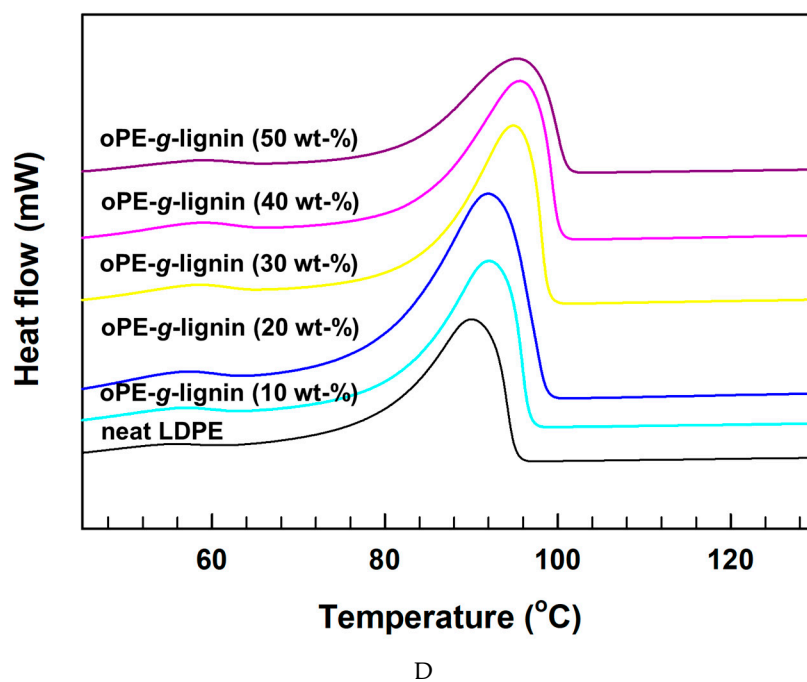
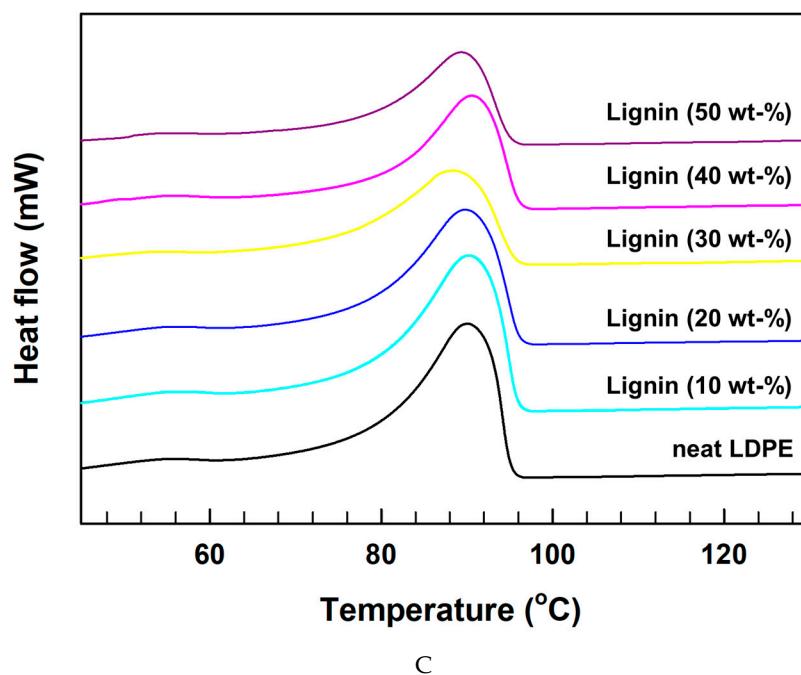
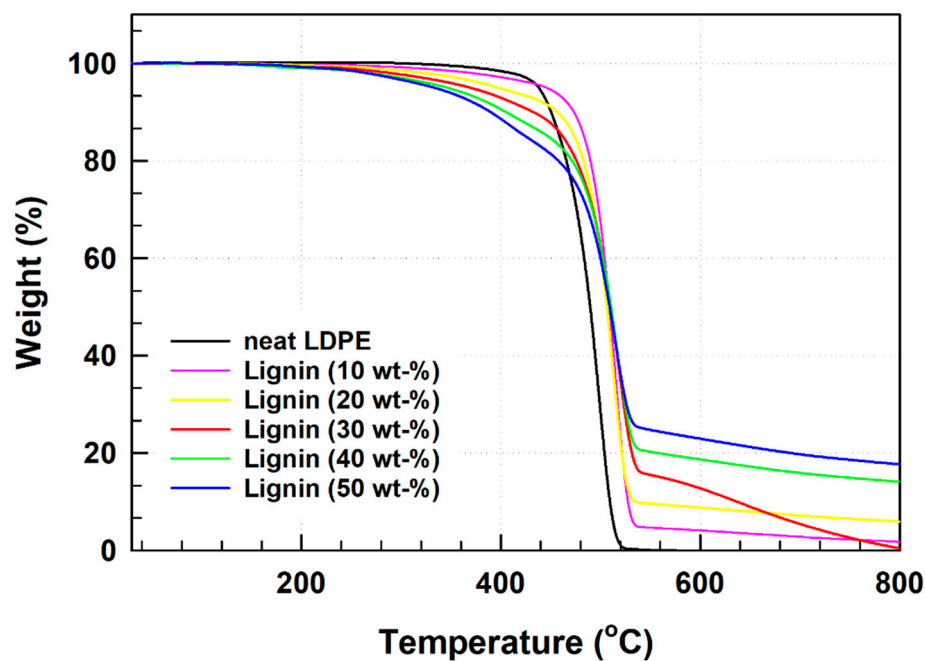
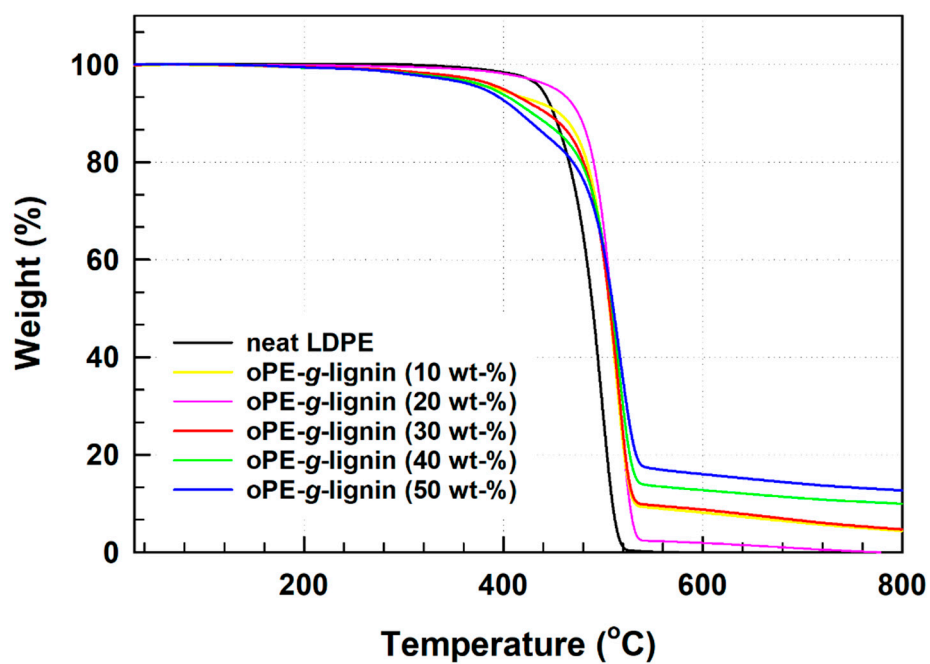


Figure S1. DSC thermograms: (A) heating curve for pristine lignin/LDPE biocomposites, (B) heating curve for oPE-g-lignin/LDPE biocomposite, (C) cooling curve for pristine lignin/LDPE biocomposites, (D) cooling curve for oPE-g-lignin/LDPE biocomposite.

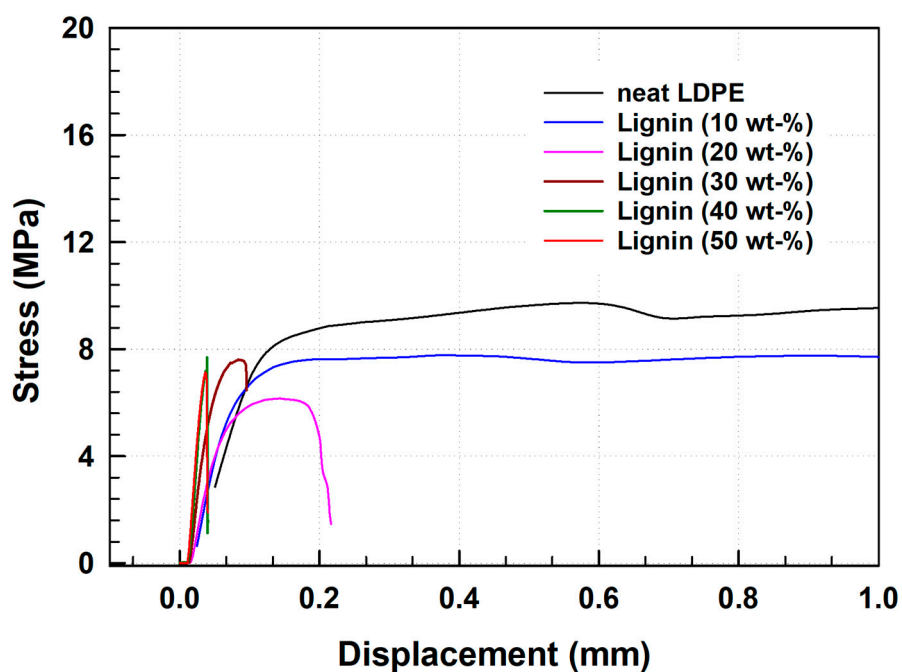


A

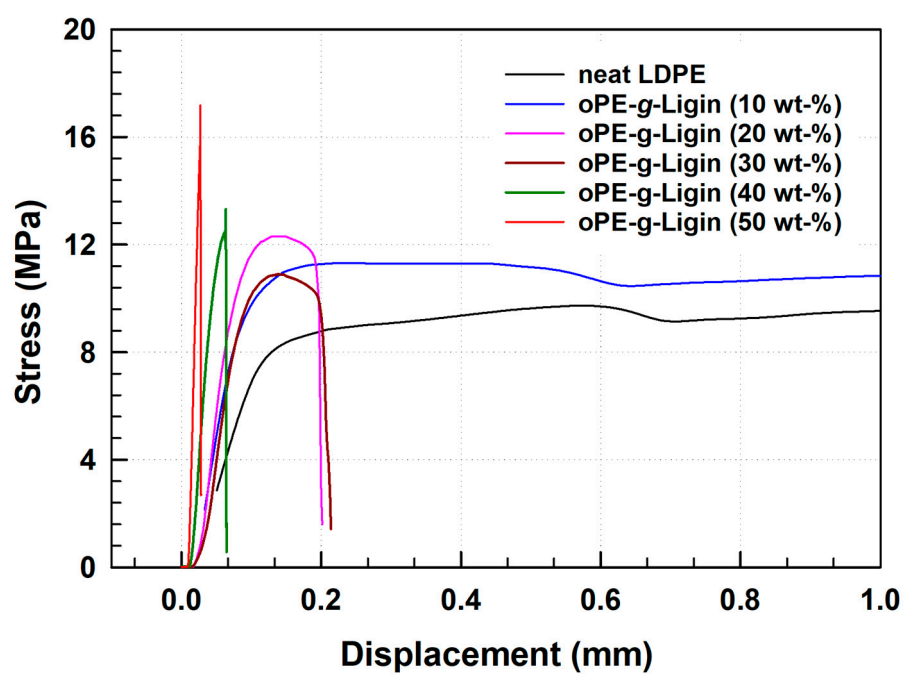


B

Figure S2. TGA thermograms for pristine lignin/LDPE biocomposites (A) and oPE-g-lignin/LDPE biocomposites (B).



A



B

Figure S3. Stress-strain curves for pristine lignin/LDPE biocomposites (A) and oPE-g-lignin/LDPE biocomposites (B).