

Poly(etheretherketone) / Poly(ethersulfone) Blends with Phenolphthalein: Miscibility, Thermomechanical Properties, Crystallization and Morphology

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List of supporting information:

Figure S1. Zoom of DSC thermogram on glass transition temperature for: (a) PEEK/PES 1010G blends; (b) PEEK/PES 3010G blends

Figure S2. Zoom of DSC thermogram on glass transition temperature for: (a) PEEK/PES 1010G blends; (b) PEEK/PES 3010G blends, with phenolphthalein

Figure S3. DSC thermograms of pure: (a) PEEK; (b,c) PES, with and without Phph

Figure S4. Glass transition of: (a) PES; (b,c) PEEK, versus Phenolphthalein composition

Figure S5. FTIR spectra of pure polymer with and without Phph

Figure S6. DSC thermogram of phenolphthalein

Figure S7. Thermal resistance of phenolphthalein by TGA

Supplementary 1 (Figure 2):

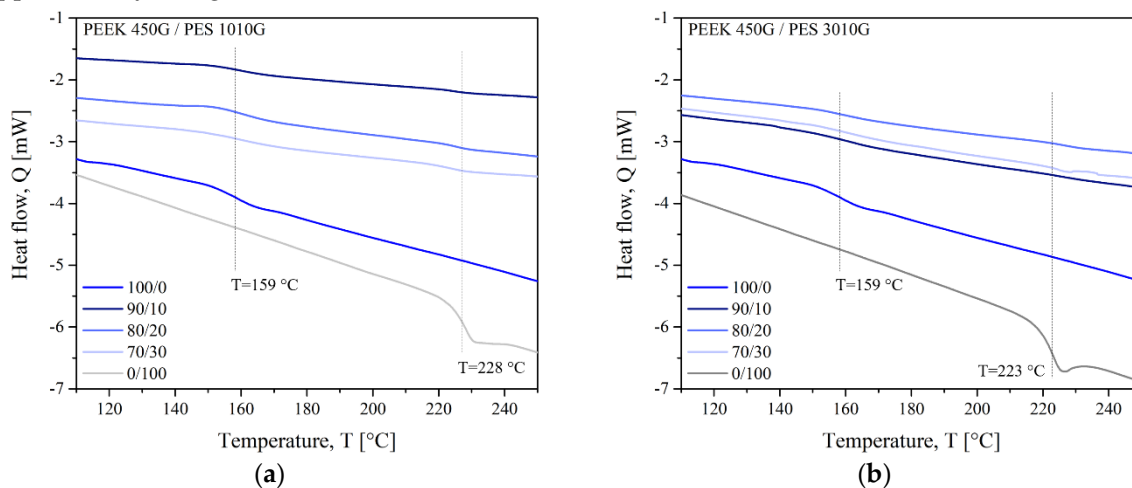


Figure S1. Zoom of DSC thermogram on glass transition temperature for: (a) PEEK/PES 1010G blends; (b) PEEK/PES 3010G blends

Supplementary 2 (Figure 6):

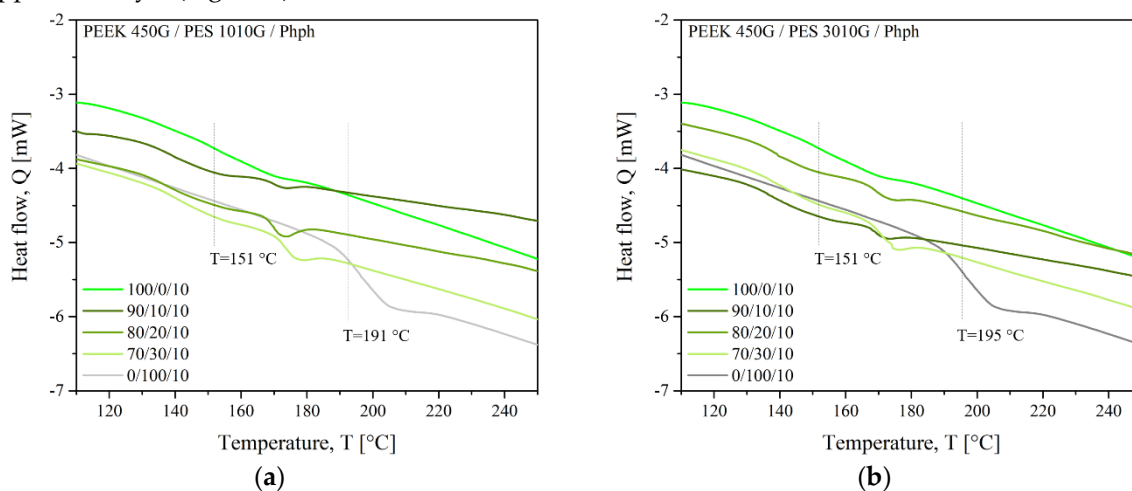
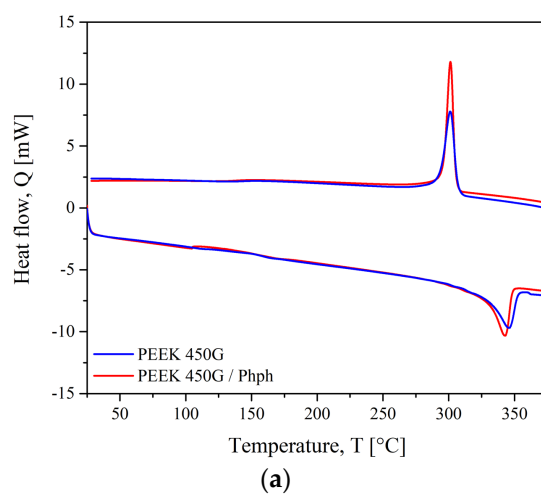


Figure S2. Zoom of DSC thermogram on glass transition temperature for: (a) PEEK/PES 1010G blends; (b) PEEK/PES 3010G blends, with phenolphthalein

Supplementary 3 (Figure 6):



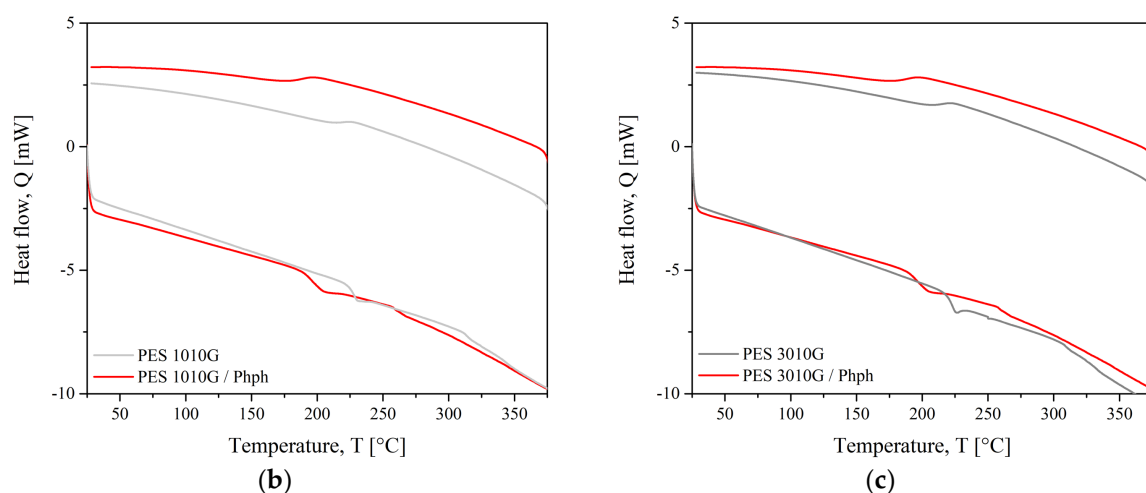


Figure S3. DSC thermograms of pure: (a) PEEK; (b,c) PES, with and without Phph

Supplementary 4 (Figure 7):

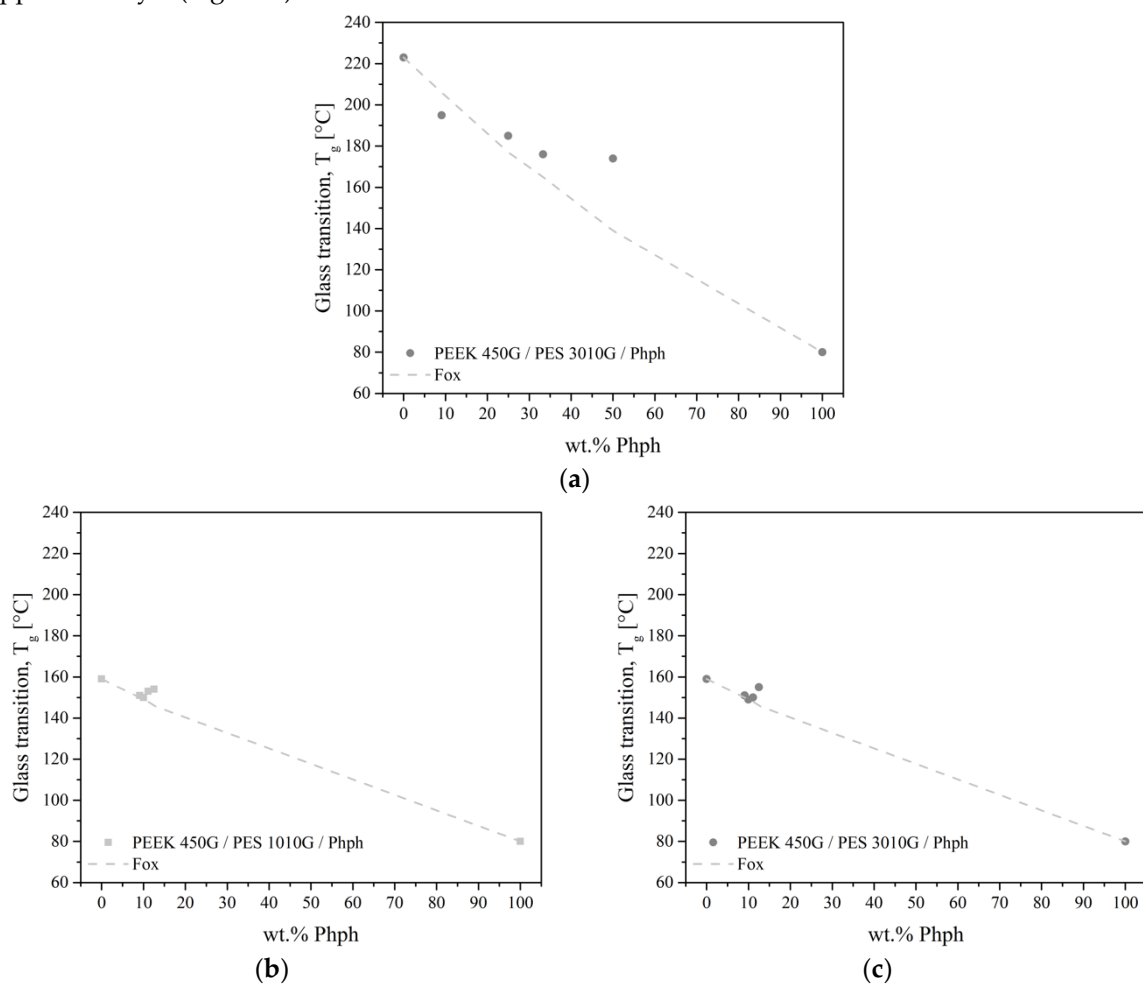


Figure S4. Glass transition of: (a) PES; (b,c) PEEK, versus Phenolphthalein composition

Supplementary 5 (Figure 9):

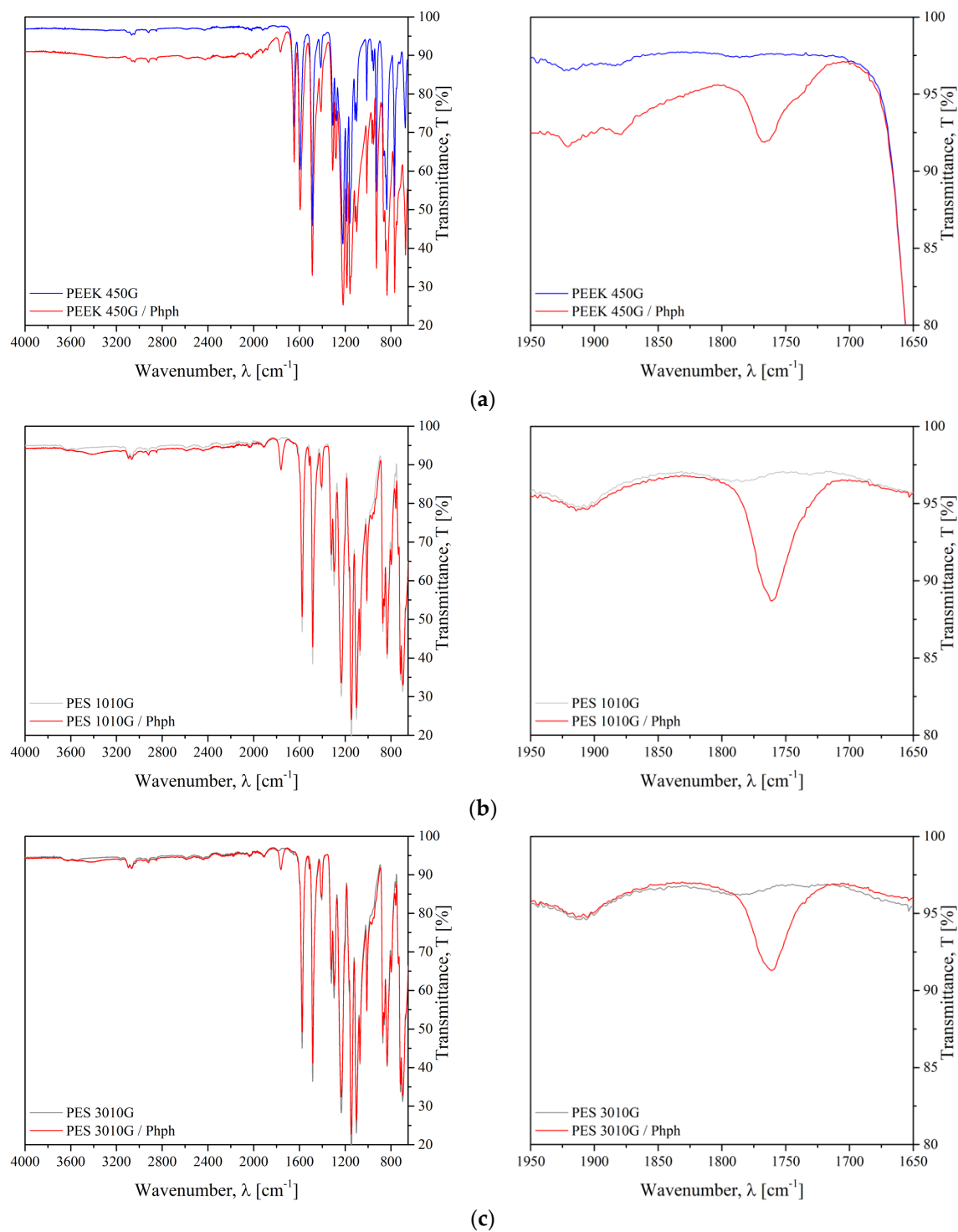


Figure S5. FTIR spectra of pure polymer with and without Phph

Supplementary 6 (Figure 13):

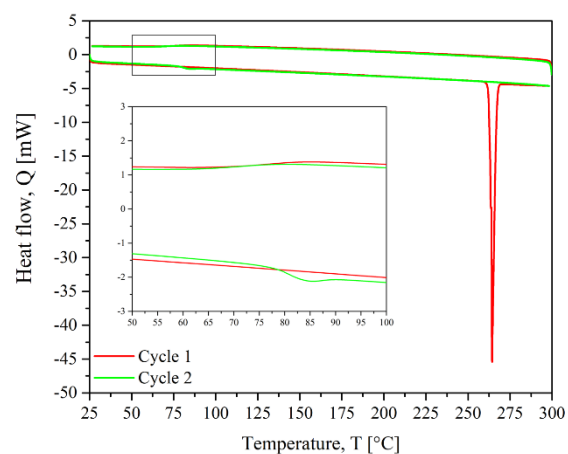


Figure S6. DSC thermogram of phenolphthalein

Supplementary 7 (Figure 13):

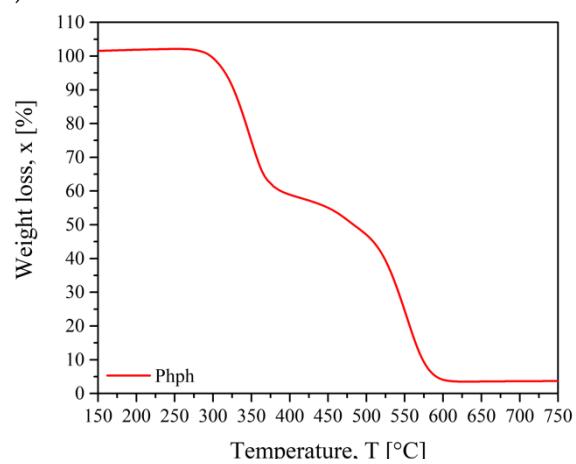


Figure S7. Thermal resistance of phenolphthalein by TGA