

Supplementary Material

Functionalization of PET with Phosphazene Grafted Graphene Oxide for Synthesis, Flammability, and Mechanism

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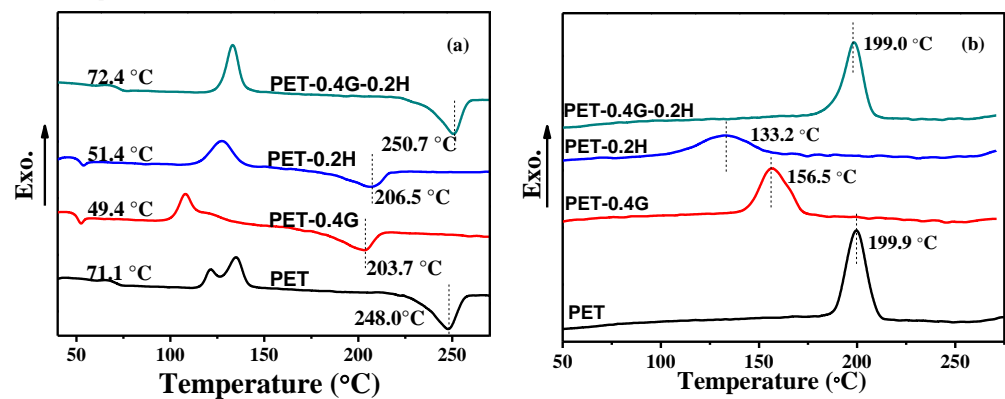


Figure S1. Differential scanning calorimetry (DSC) curve of neat PET and its composites: (a) heat curve; (b) cool curve.

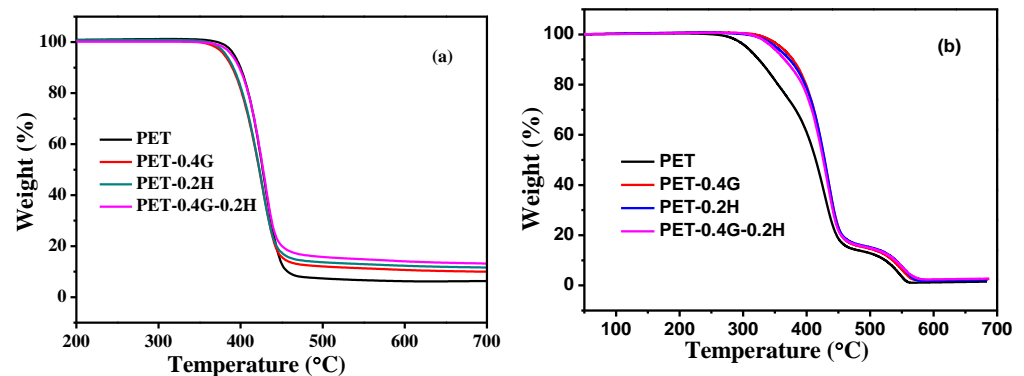


Figure S2. Thermogravimetric analysis (TGA) curve of neat polyethylene terephthalate (PET) and its composites: (a) N₂; (b) Air.

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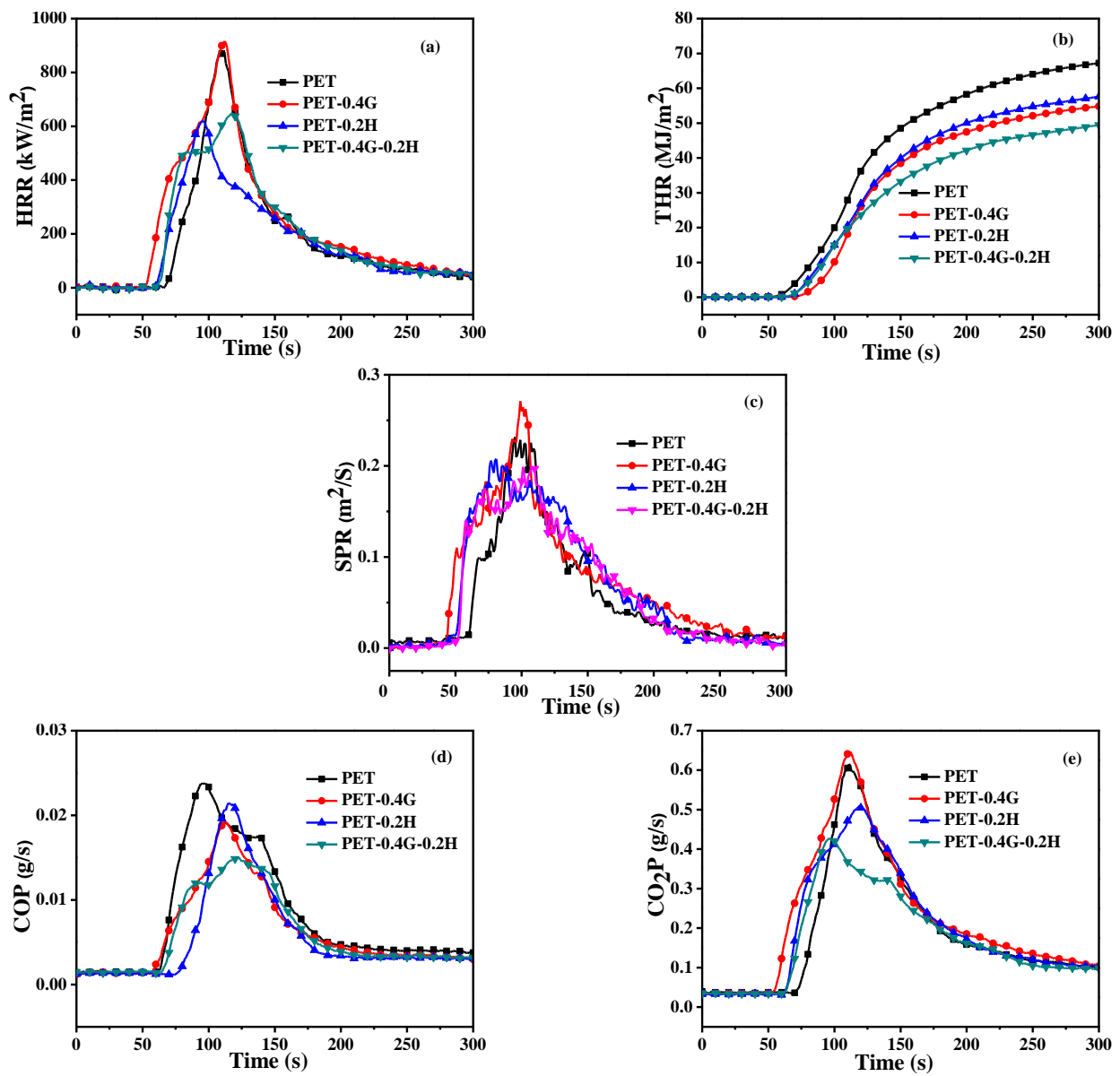


Figure S3. (a) Heat release rate, (b) total heat release, (c) smoke production rate, (d) CO production and (e) CO_2 production versus time curves of neat PET and its composites.