

Electronic Supplementary Information

Exploring of g-C₃N₄ as the Green Additive for Biodegradable Poly(butylene adipate-co-terephthalate) Film with Enhanced UV Shielding and Mechanical Properties

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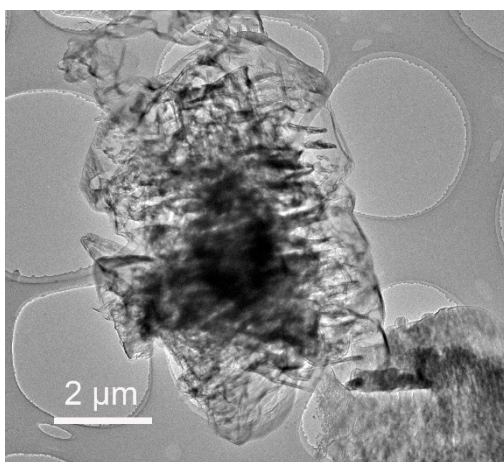


Figure S1. TEM image of g-C₃N₄.

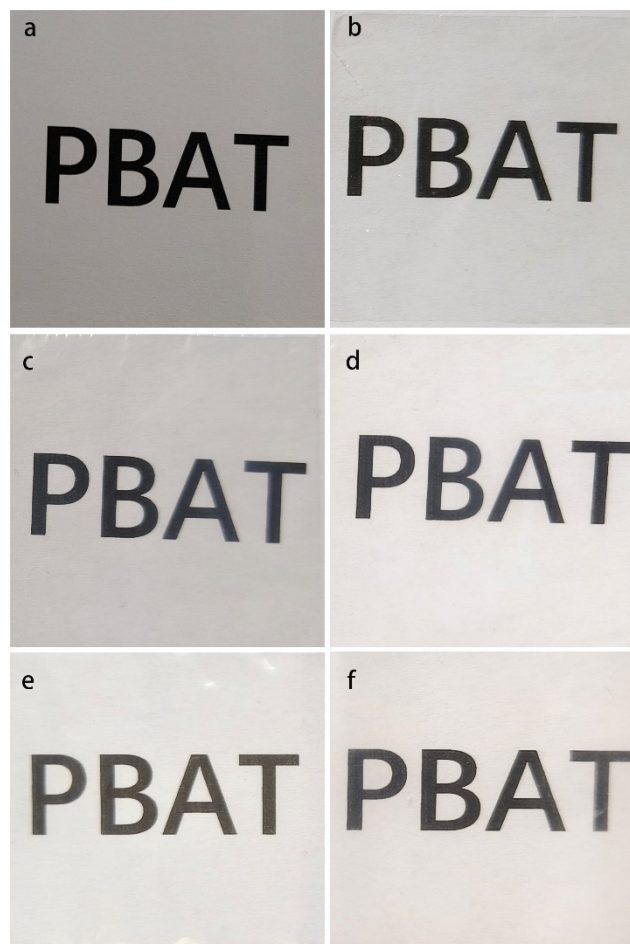


Figure S2. Digital photos of (a) blank A4 paper, (b) A4 Paper covered with pure PBAT, (c) A4 Paper covered with pure UV-0(0.25)/PBAT, (d) A4 Paper covered with pure UV-0(0.5)/PBAT, (e) A4 Paper covered with pure g-C₃N₄(0.25)/PBAT, (f) A4 Paper covered with pure g-C₃N₄(0.5)/PBAT.

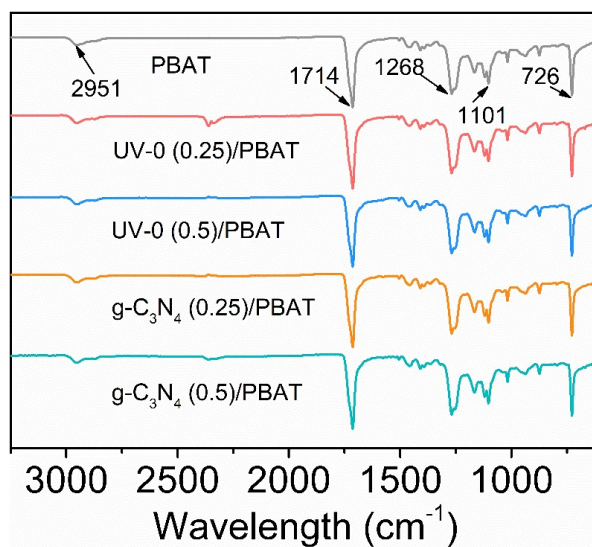


Figure S3. FTIR spectra of films PBAT, UV-0 (0.25)/PBAT, UV-0 (0.5) /PBAT, g-C₃N₄ (0.25)/PBAT, and g-C₃N₄ (0.5)/PBAT, respectively.