

ELECTRONIC SUPPLEMENTARY INFORMATION

for

Phenylmaleimide-Containing PET-Based Copolyester: Cross-Linking from $2\pi+\pi$ Cycloaddition toward Flame Retardance and Anti-Dripping

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- (1) NMR spectra and the corresponding integral peak areas of the copolyester.
- (2) Two videos of a small-scale flammability test for PET and PET-co-DPDI10 ignited by Bunsen Burner. Anti-dripping and self-extinguishing performance could be observed for the copolyester.

The NMR spectra of PET-co-DPDPI2, PET-co-DPDPI5, PET-co-DPDPI10, and all relative integral data were showed as follows:

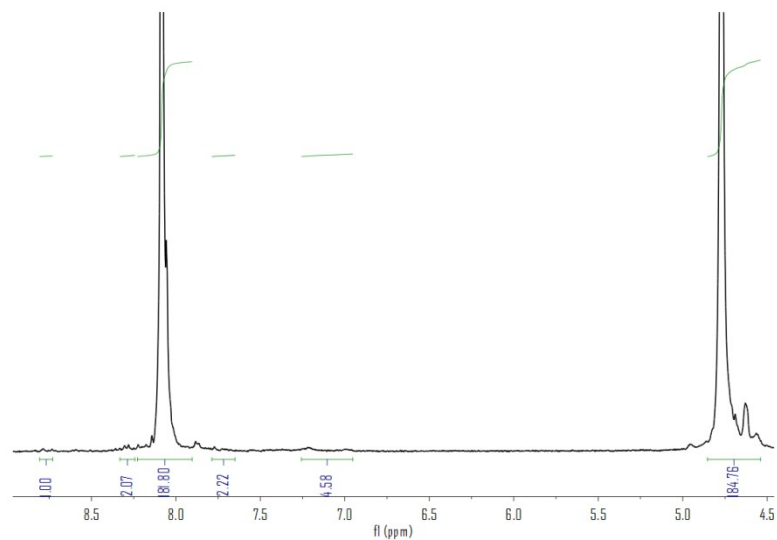


Fig.S1. ¹H NMR of PET-co-DPDPI2

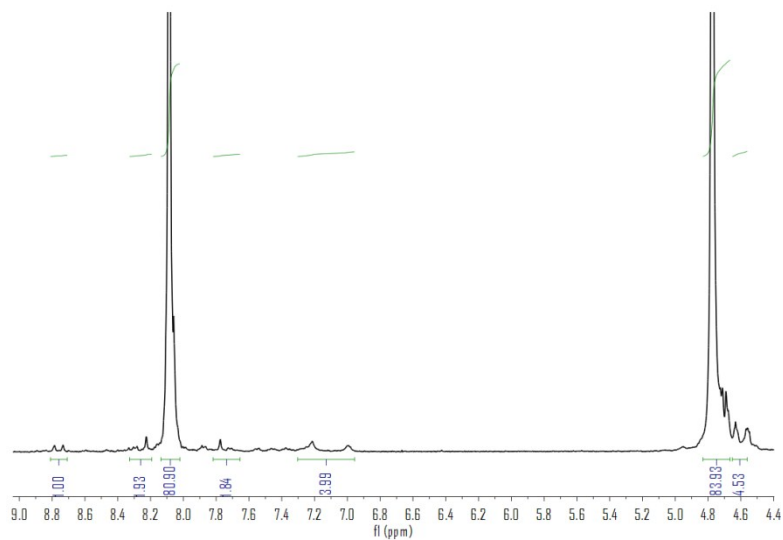


Fig.S2. ¹H NMR of PET-co-DPDPI5

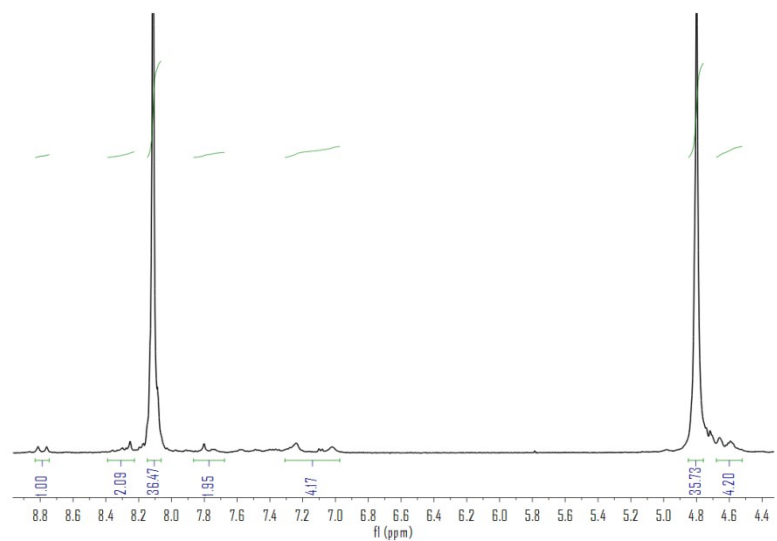


Fig.S3. ¹H NMR of PET-co-DPDPI10