

Supporting information

**Preparation of Thermostable and Compatible Citrate-based Polyester
for Enhancing Ultraviolet Shielding Performance of Thermoplastic
Resin**

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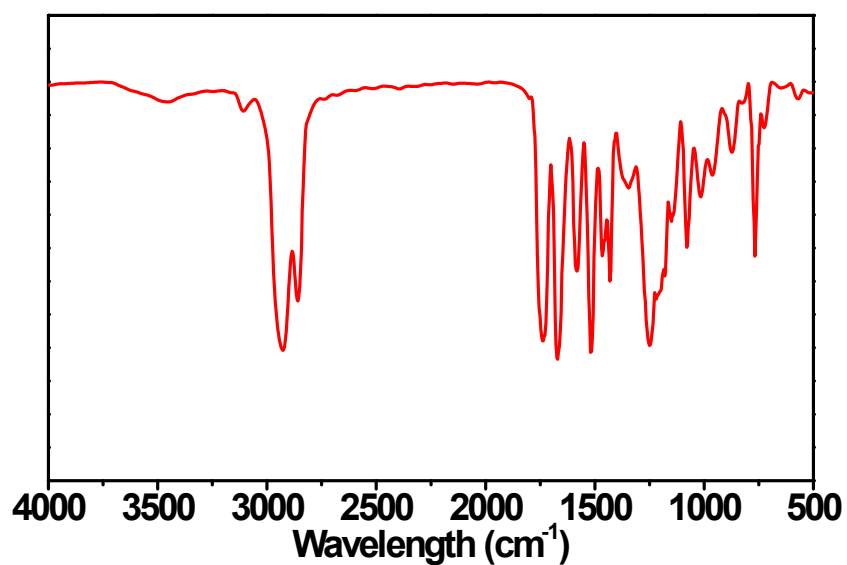


Fig. S1 FT-IR spectrum of DTPD.

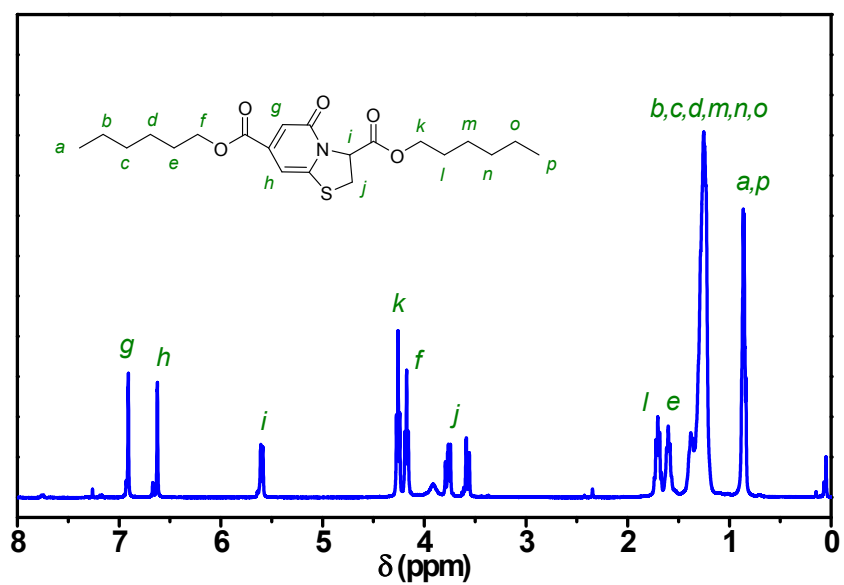
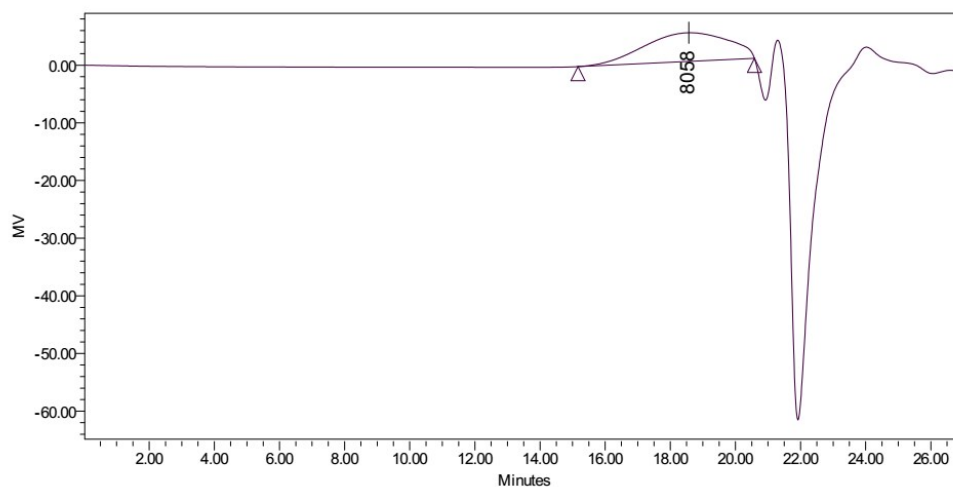


Fig. S2 ¹H NMR spectrum of DTPD.



Broad Unknown Modified Universal Peak Table

	Distribution Name	Mv (Daltons)	K (dl/g)	alpha	Intrinsic Viscosity (dl/g)	Mn (Daltons)	Mw (Daltons)	MP (Daltons)	Mz (Daltons)	Mz+1 (Daltons)	Polydispersity	Mz/Mw
1						6501	9790	8058	13499	16921	1.505860	1.378783

Fig. S3 Representative GPC curve of CPs (CP6).

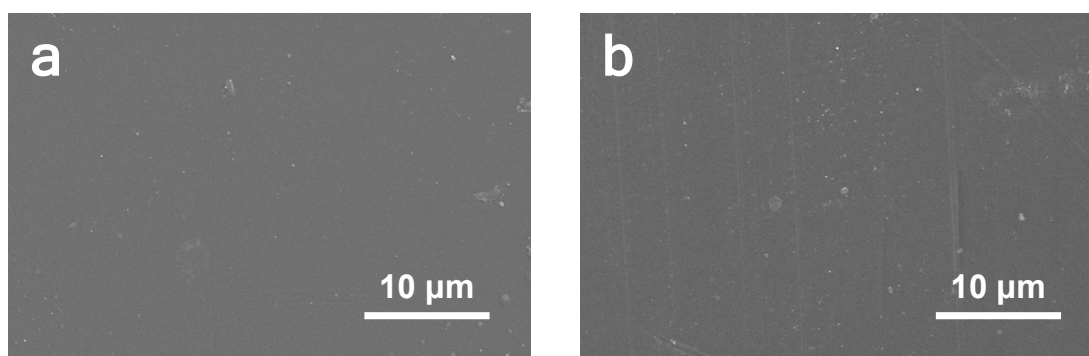


Fig. S4 SEM images of PETG-0% (a) and PETG-2% film (b).