

Supporting Information for *New journal of chemistry*

Preparation and Performance Evaluation of Flame-Retardant Antistatic Composites based on Polyurethane

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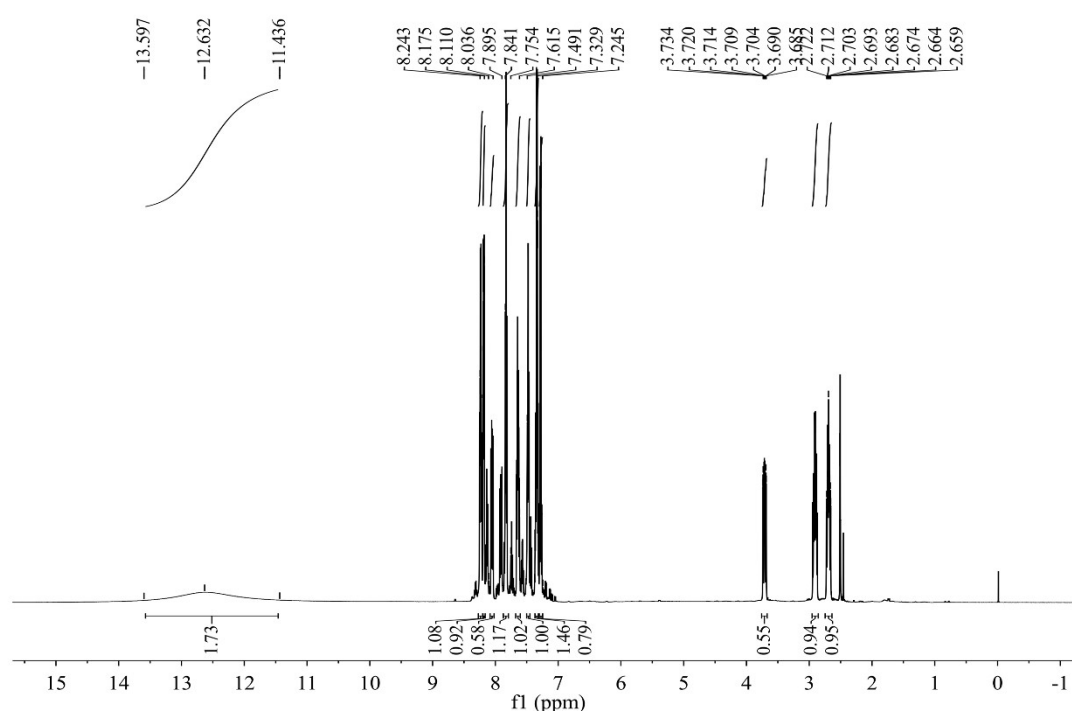


Figure S1. ¹H-NMR spectrogram of the DOPO-MA.

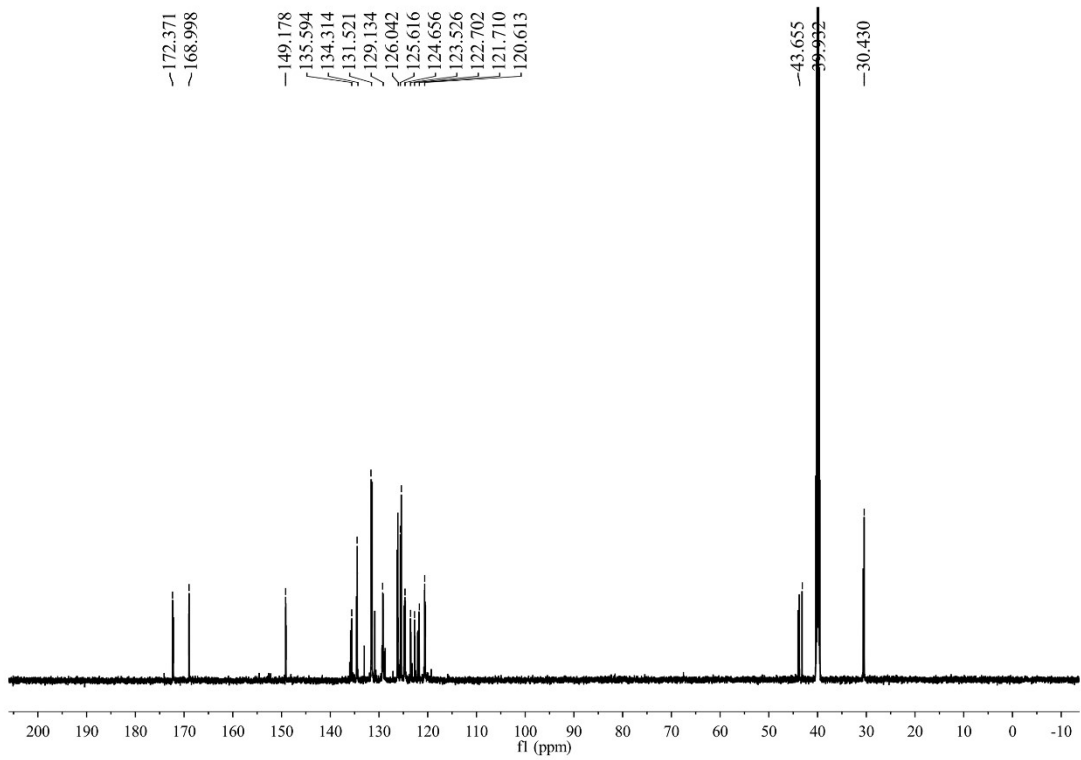


Figure S2. ^{13}C -NMR spectrogram of the DOPO-MA.

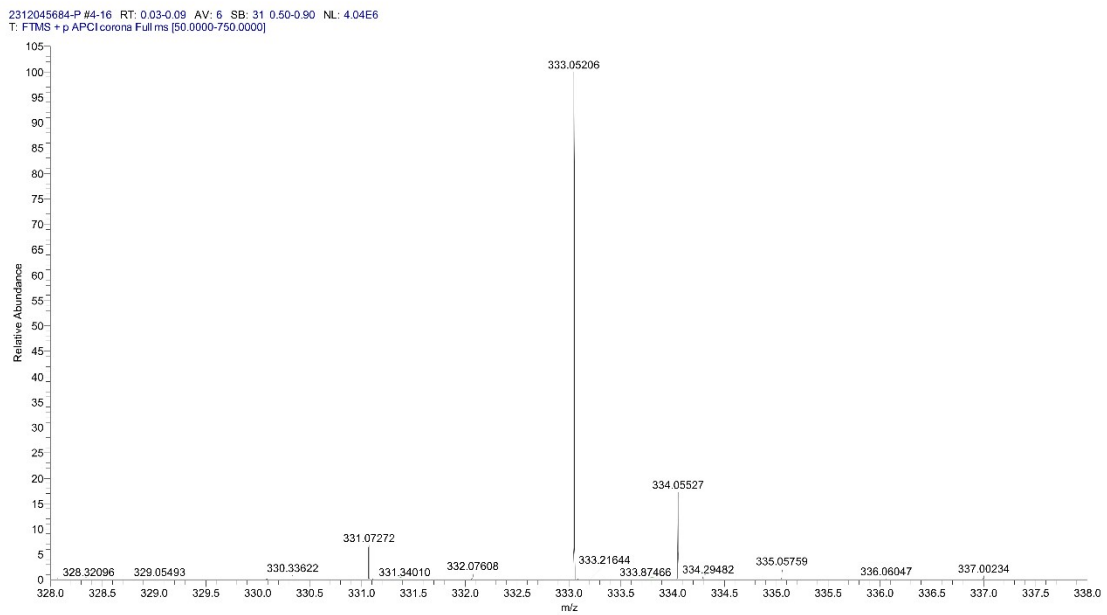


Figure S3. HRMS of the DOPO-MA.

Table S1. Review of antistatic properties of DMM@NC/RPUF composites.

Type of filler	Content/%	Fire retardant	conductive	Refs.
DMM@NC	25%DMM@NC	UL-94 HB	5.5*10 ⁹ Ω-cm	This work
RH-DAP	15%RH-DAP	UL-94 HB		[1]
GMAAPP@PUEG	GMAAPP20/PUEG10	UL-94 V0		[2]
MFAPP	MFAPP30	UL-94 V1		[3]
BHET-rGO	7.41%BHET-rGO		8*10 ⁻³ S/m	[4]
NCCF@MWCNGT	NCCF(3php)/MWCNT(3php)		0.171 S/m	[5]
MWNT	3wt%MWNT		10 ⁵ Ω-m	[6]

Notes and references

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