Supporting Information

for

Synergistic influence of halogenated flame retardants and nanoclay on flame performance of high density polyethylene and wood flour composites

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Supporting information consists of 6 pages, 4 Figures and 1 Table.

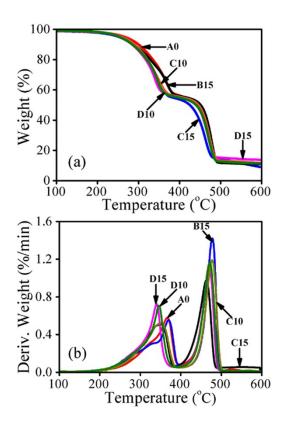


Figure S1. Integrated TGA curves of composites A0, B15, C10, C15, D10 and D15

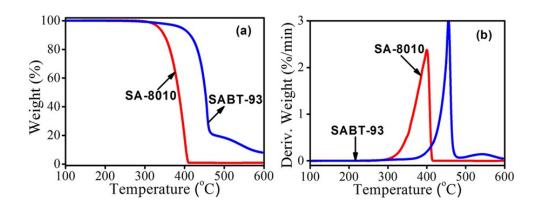


Figure S2. TGA curves of SA-8010 and SABT-93

Table S1. Thermogravimetic properties of SA-8010 and SABT- 93^*

Samples	T _{1%} (°C)	T _{peak1} (°C)
SA-8010	310	400
SABT-93	313	455

^{*} $\overline{T_{1\%}}$ = decomposition temperature at 1% mass loss; T_{peak1} = the first peak temperature

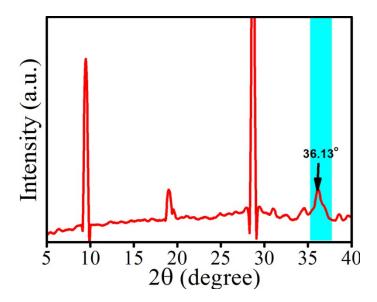


Figure S3. XRD pattern of composites A0.

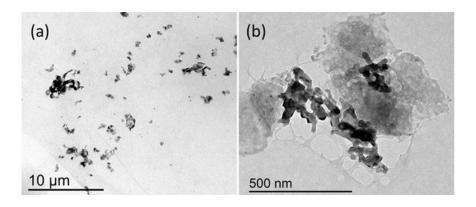


Figure S4. TEM images of composites C10.