

Supporting Information

Self-assembled serpentine $\text{Ni}_3\text{Si}_2\text{O}_5(\text{OH})_4$ hybrid sheets with ammonium polyphosphate for fire safety enhancement of polylactide composites

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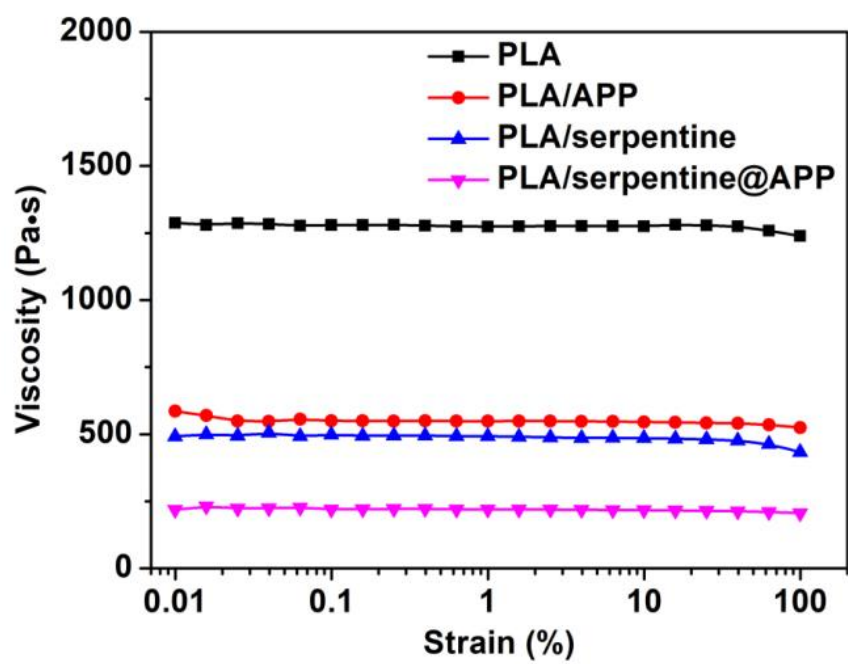


Figure S1. Strain sweep of pure PLA and its composites.

Table S1. TGA data of APP, serpentine and serpentine@APP.

| Samples | T_{10} (°C) | T_{\max} (°C) | Residue at 700 °C (wt%) |
|----------------|---------------|-----------------|-------------------------|
| APP | 309.4 | 357.1 | 63.1 |
| serpentine | 106.6 | 56.8 | 75.3 |
| serpentine@APP | 182.1 | 50.9 | 79.8 |