

Supporting Information:

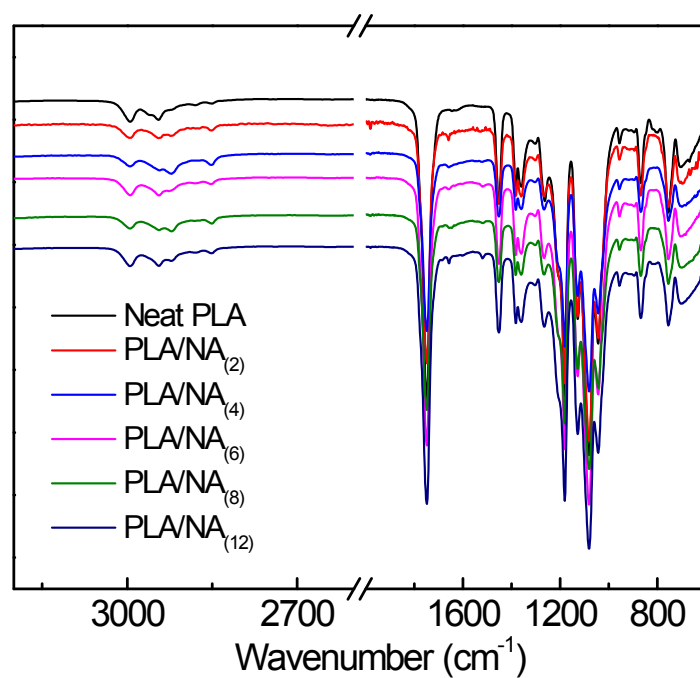


Figure S1. FT-IR spectra of PLA and PLA/NA_(n) blends.

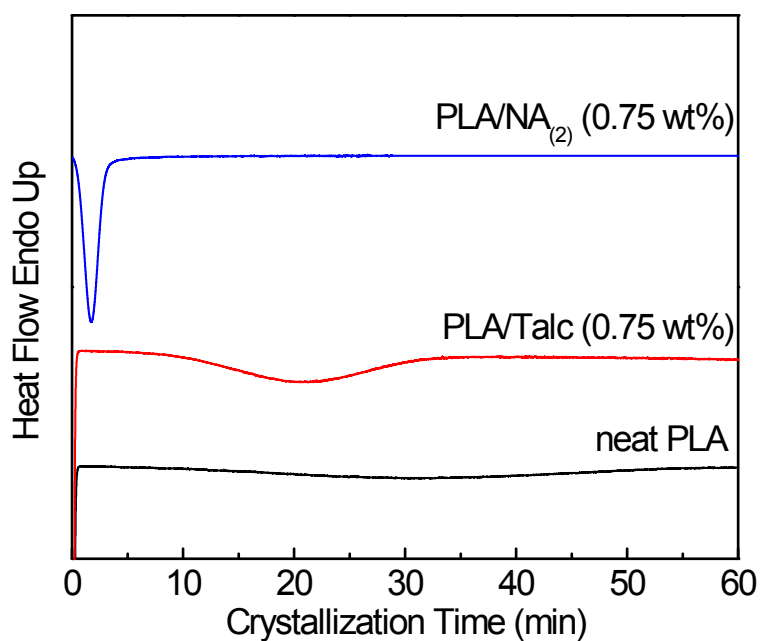


Figure S2. The DSC exothermal curves of PLA, PLA/talc and PLA/NA₍₂₎ isothermally crystallized at 135 °C.

Table S1. The C=O stretching band of PLA chains in the PLA and PLA/NA_(n) samples.

Samples	C=O stretching vibration (cm ⁻¹)
PLA	1748.1
PLA/NA ₍₂₎	1747.6
PLA/NA ₍₄₎	1747.8
PLA/NA ₍₆₎	1748.0
PLA/NA ₍₈₎	1747.9
PLA/NA ₍₁₂₎	1747.9