Article

Epoxidized Soybean Oleic Acid/Oligomeric Poly (Lactic Acid)-Grafted Nano-Hydroxyapatite and Its Role as a Filler in   
Poly (L-Lactide) for Potential Bone Fixation Application

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Supplementary results

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| **(a)** | **(b)** |

**Figure S1.** The line scan image of the OPLA-ESOA-HA and the element dispersity of different positions.

**Table S1.** The element amount of the particle measured by EDS.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Element** | **Wt %** | **Weight %** | **Atomic %** | **Error %** |
| C K | 17.79 | 20.78 | 34.74 | 15.21 |
| O K | 24.51 | 28.63 | 35.92 | 15.15 |
| P K | 23.25 | 27.16 | 17.61 | 2.35 |
| Ca K | 20.05 | 23.42 | 11.73 | 2.95 |



**Figure S2.** DSC curves of n-HAP/PLLA, ESOA-HAP/PLLA, and OPL-ESOA-HAP/PLLA.