

Supplementary Information for

From starch to polylactide and nano-graphene oxide: Fully starch derived high performance composites

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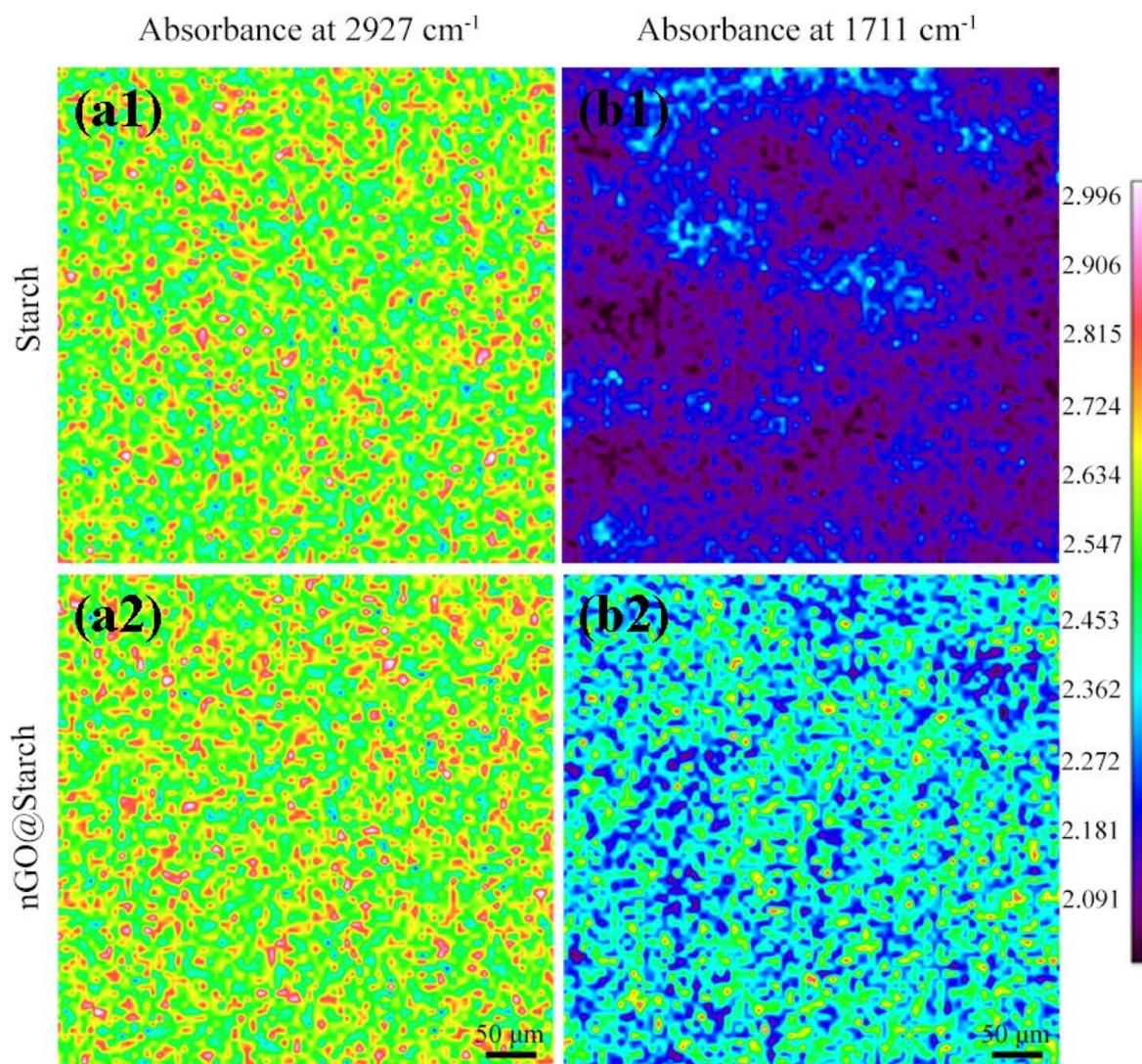


Figure S1 -CH2- absorbance image of starch at 2927 cm⁻¹ (a1 and a2) and carboxylic group absorbance image of nGO at 1711 cm⁻¹ (b1 and b2).

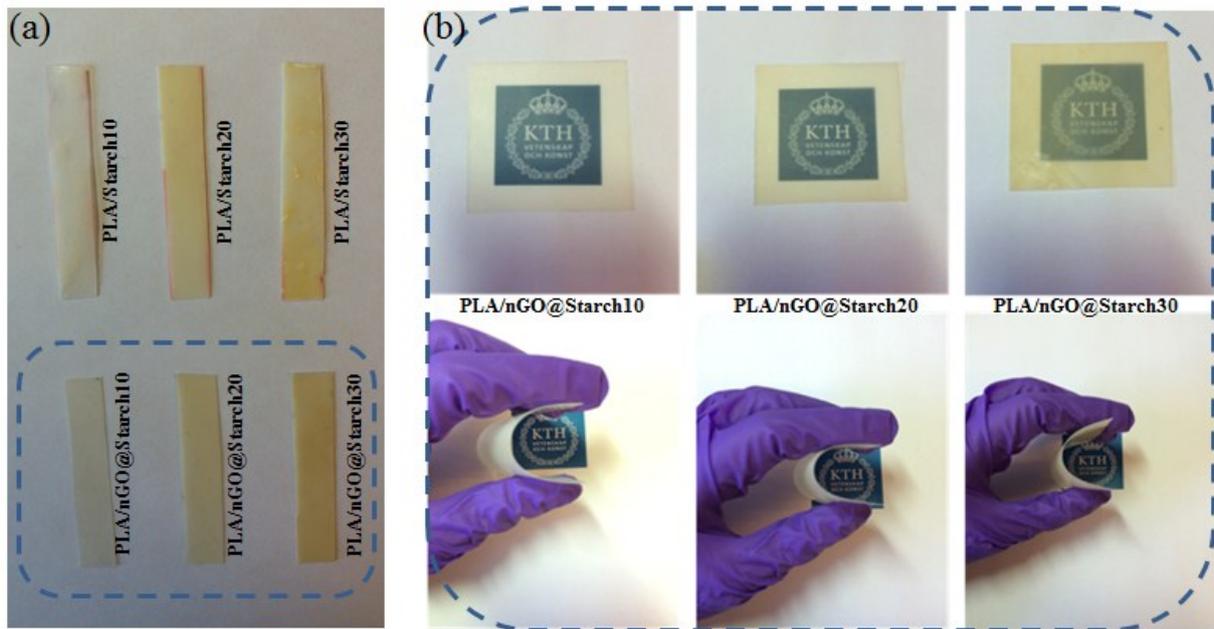


Figure S2 photos of PLA/Starch and PLA/nGO@Starch composites stripes (a); enlarged photos of PLA/nGO@Starch composites (b).

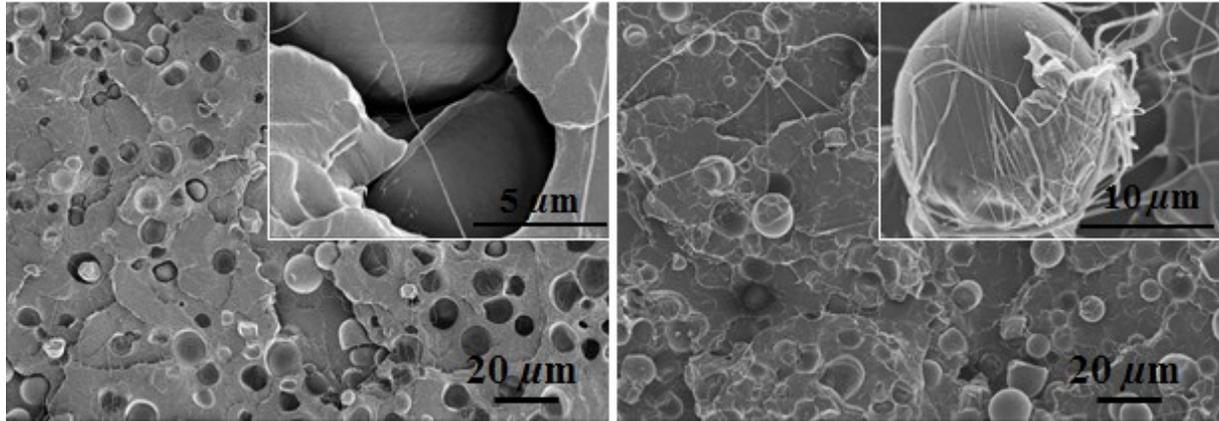


Figure S3 SEM images of the cross section of PLA/Starch10 (a) and PLA/GO@Starch10 (b) after tensile break.