Supporting Information

Mechanical Properties of Ternary Composite from Waste Leather Fibers and Waste Polyamide Fibers with Acrylonitrile-Butadiene Rubber

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Herein, further information is provided about the FT-IR spectrum of raw polyamide fiber (PA) and ground waste leather (LF) used in this work (**Figure S1** and **Figure S2**). The morphology of LF is shown in **Figure S3**. The high-resolution FE-SEM images of NBR/LF/PA are shown in **Figure S4** to prove the good adhesion between PA fiber and NBR.

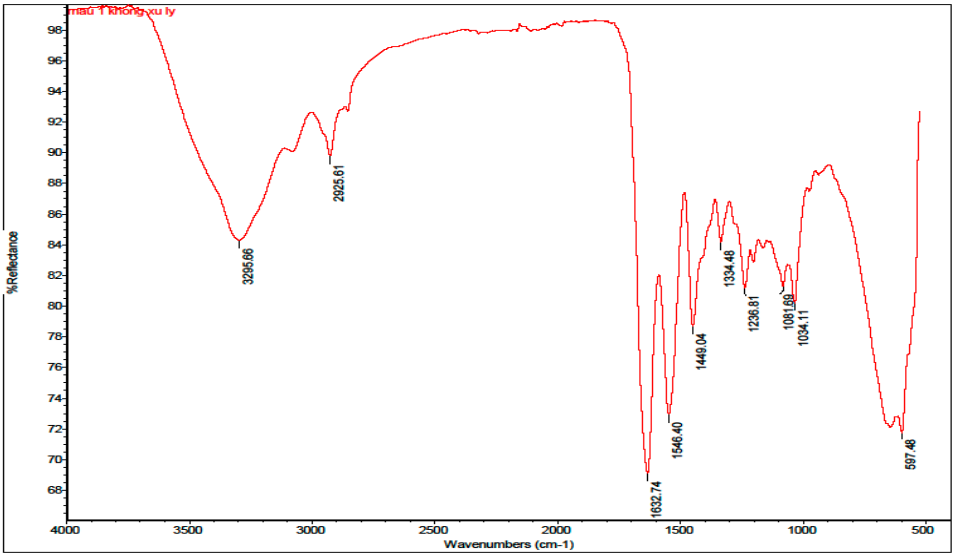

Figure S1. FT-IR spectrum of ground waste leather (LF).

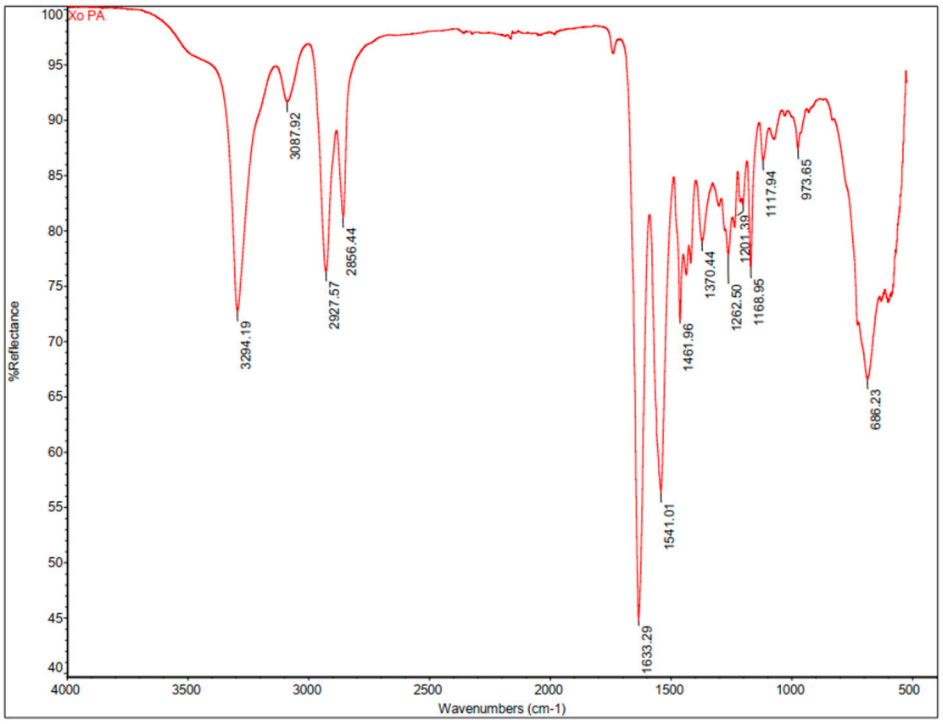

Figure S2. FT-IR spectrum of waste polyamide (PA).

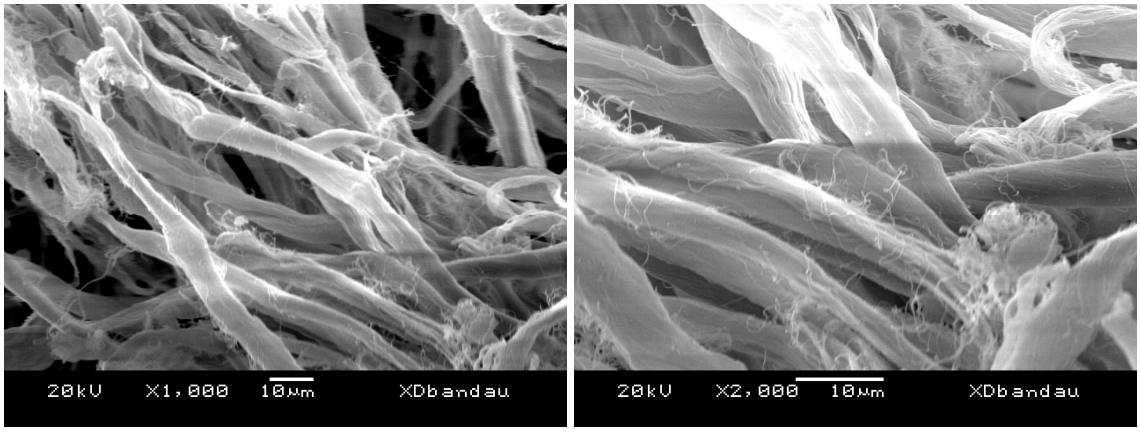

Figure S3. Morphology of ground waste leather (LF).

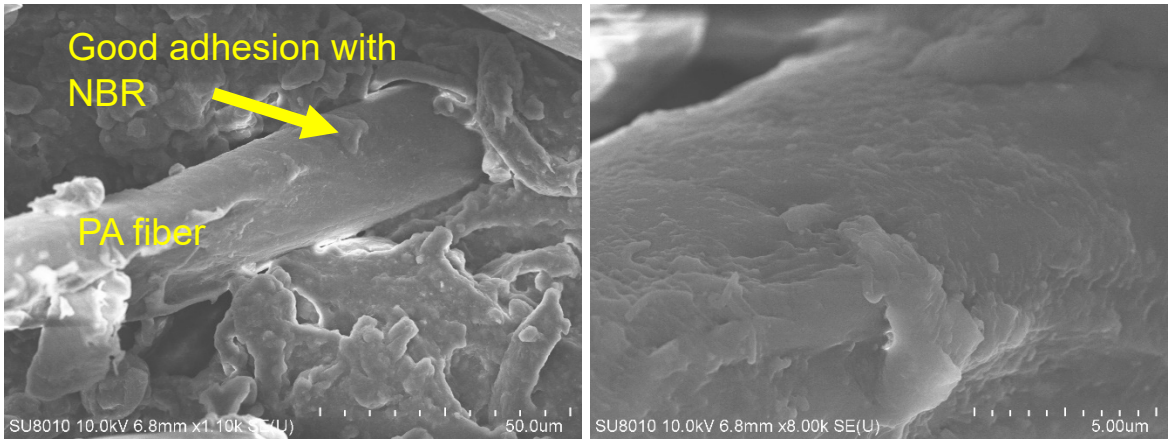

Figure S4. High-resolution FE-SEM images of composite NBR/LF/PA.