Supplementary Materials for

New poplar-derived biocomposites via single-step thermoforming assisted by phosphoric acid pretreatment

This file includes:

Table S1

Figs. S1

Table S1. The methods of pretreatment

NO.	Name	Phosphoric acid concentration	Time	Method/parameter
1	WF	—	—	—
2	WF (PA)	5%	3 h	—
3	WF(PA/M)	5%	3 h	Microwave process 400 W 80 ℃, 20 min
4	WF(PA/B)	6%	—	Ball milling 300 r/min、 150 ℃ 2 h, solid-to-liquid ratio: 1:6

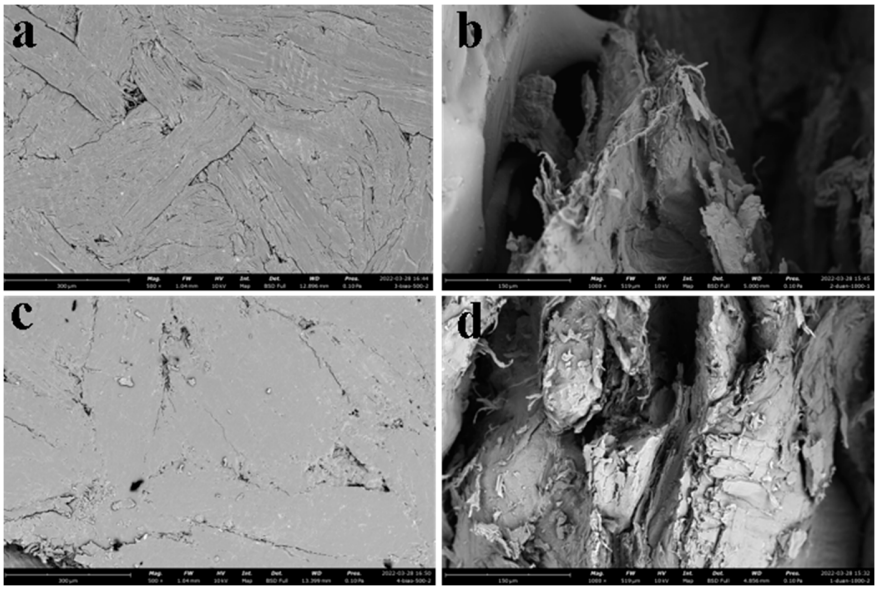


Fig. S1. (a) Microscopic image of the surface of WF (PA). **(b)** Microscopic images of the cross-section of WF (PA). **(c)** Microscopic image of the surface of WF (PA/M). **(d)** Microscopic images of the cross-section of WF (PA/M).