

Supplementary information Journal of Polymers and the Environment
**Tuning properties of sustainable castor oil based polyurethanes with
bacterial biomass as fillers**

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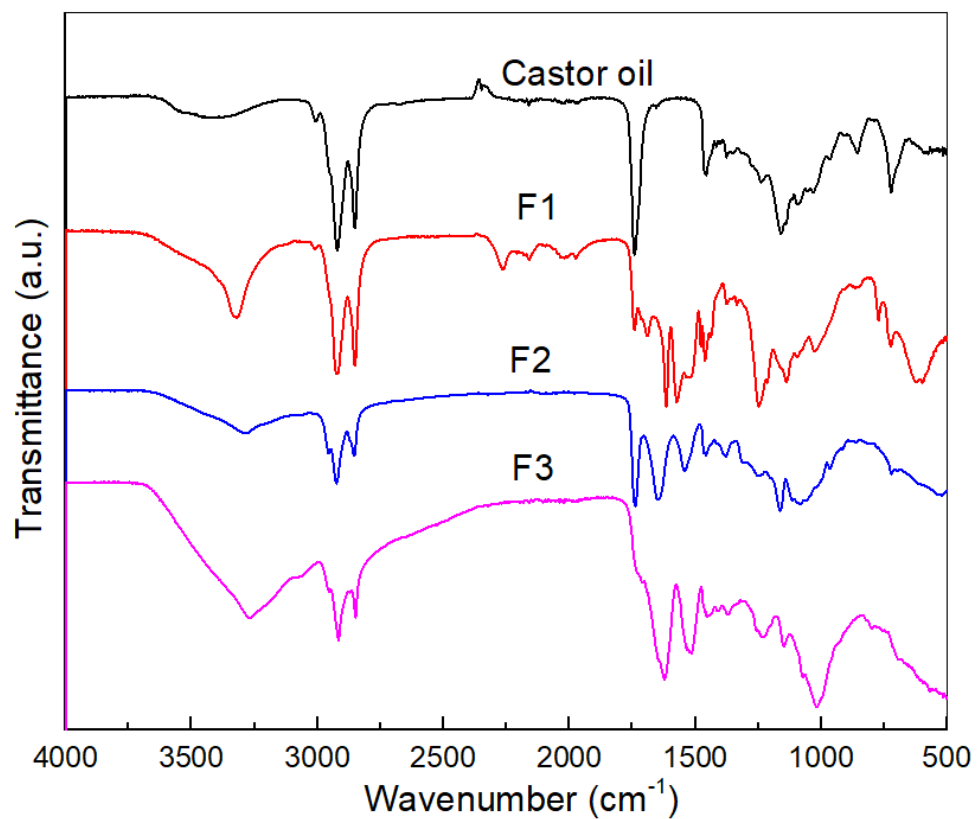


Fig. S1. The FTIR spectrum of castor oil and fillers used in the present study.

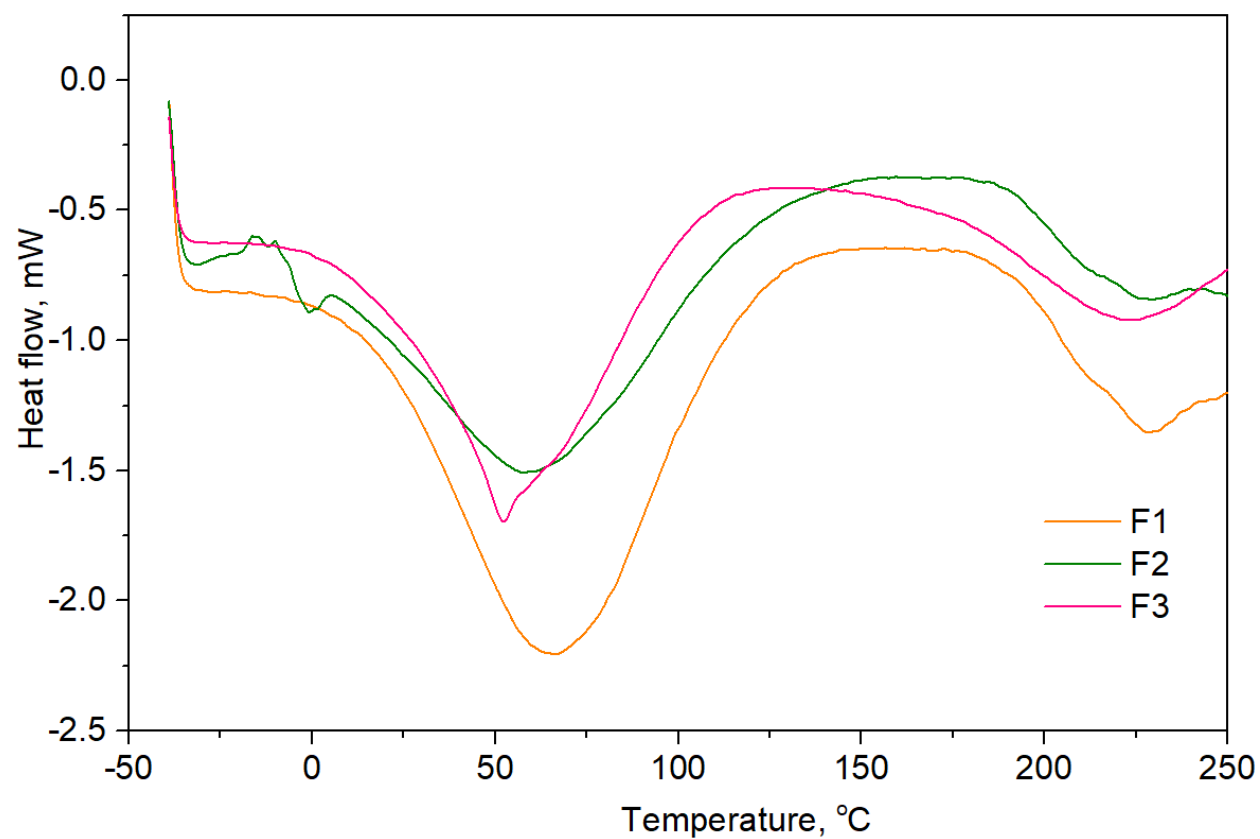


Fig. S2. The DSC thermograms of bio-fillers used in the present study.

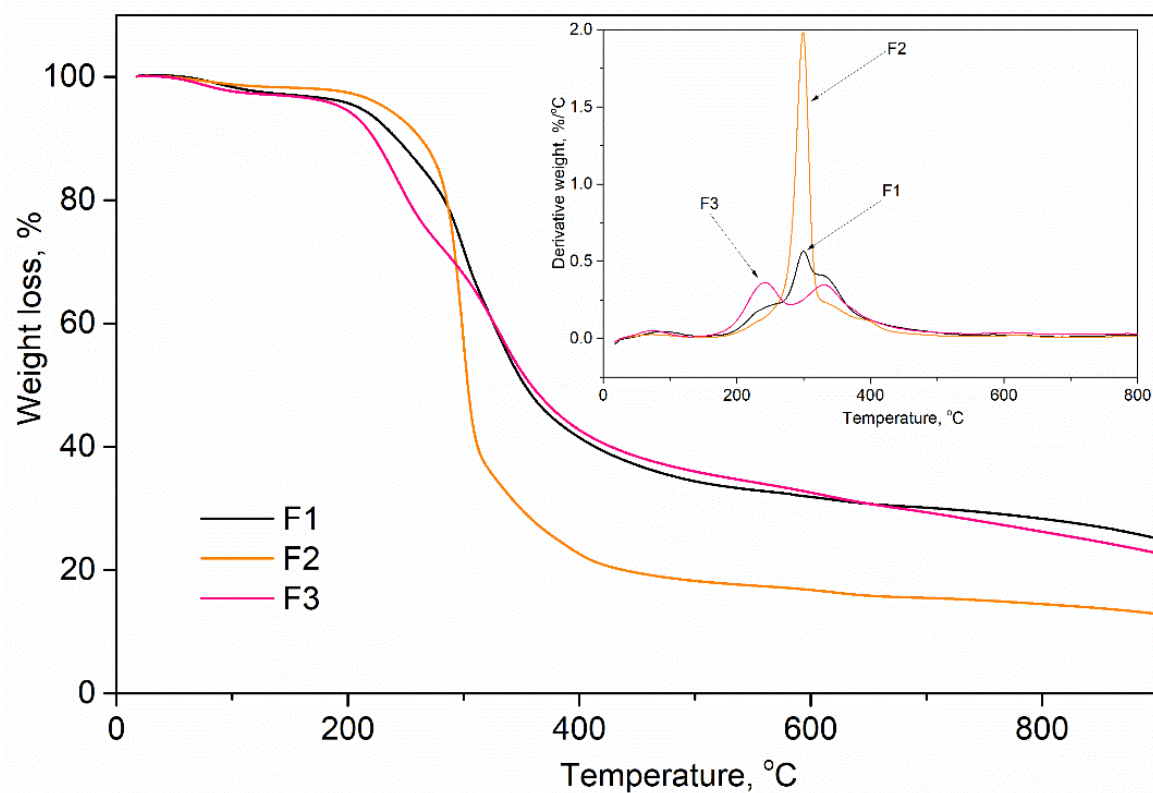


Fig. S3. TGA and DTGA graphs of the bacterial biomass fillers.

Table S1. The TGA/DTGA of the bacterial biomass fillers.

Sample	$T_{5\%}, ^\circ\text{C}$	$T_{50\%}, ^\circ\text{C}$	$T_{\max 1}, ^\circ\text{C}$	$T_{\max 2}, ^\circ\text{C}$	Residual weight at 800 °C, %
F1	207.8	352.7	238.0	300.1/331.0	25.4
F2	233.5	303.3	298.6	-	12.9
F3	193.9	358.7	239.9	331.0	22.8