

Nucleation of poly(lactide) partially wet droplets in ternary blends with poly(butylene succinate) and poly(ϵ -caprolactone)

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SUPPLEMENTARY INFORMATION

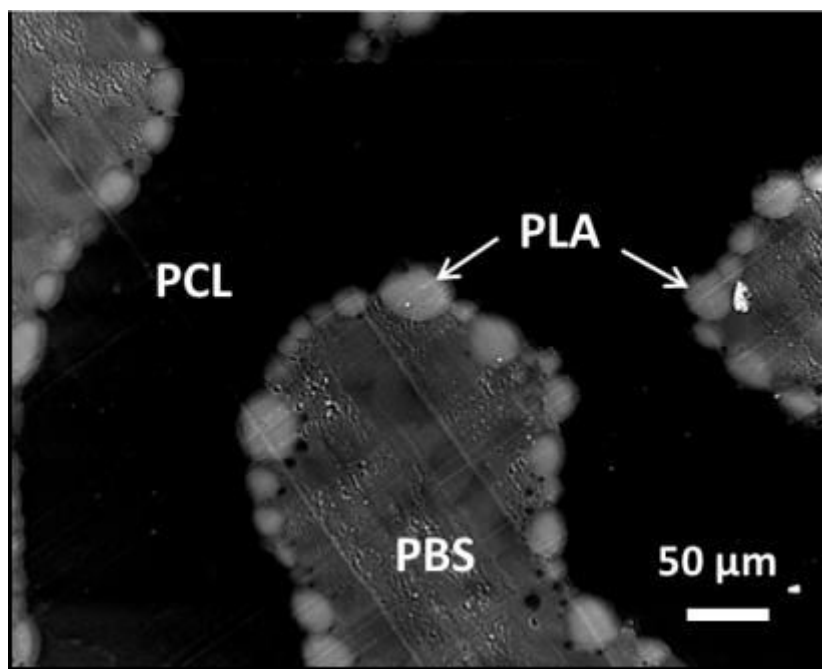


Figure S1. SEM micrographs of PCL/PLA/PBS ternary blend with weight composition of 45/10/45 after annealing for 20 min at 185°C.

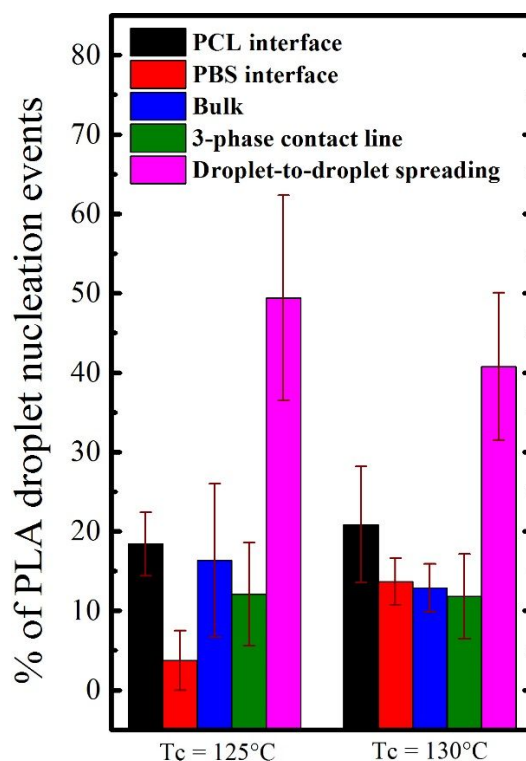


Figure S2. Percentage of PLA droplets that nucleate according to the different modalities highlighted, at two different crystallization temperatures T_c (125°C and 130°C).

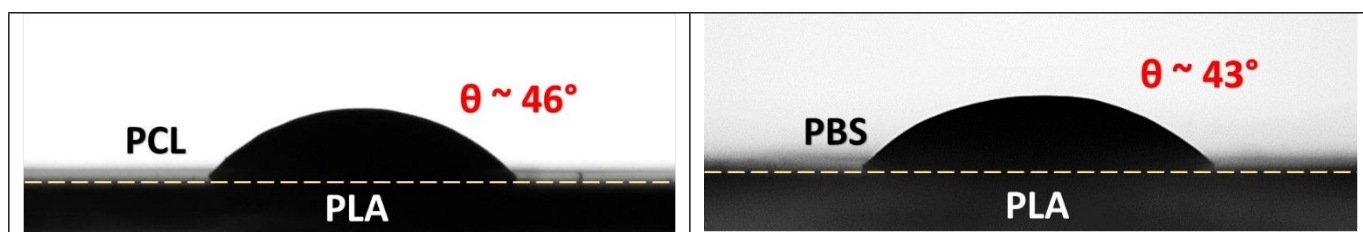


Figure S3. Selected photographs captured for contact angle analysis. PCL (left) and PBS (right) droplets on top of PLA film. The droplet/film interface is indicated with a dashed line.

Web Enhanced Objects:

VIDEOS

- 1) Crystallization of partially wet PLA droplets in PCL/PLA/PBS ternary blend (Figure 1)
- 2) Example of mobility of partially wet PLA droplets at the PBS/PCL interface during PLA crystallization
- 3) Example of mobility of partially wet PLA droplets at the PBS/PCL interface during PLA crystallization
- 4) Crystallization of partially wet PLA droplets in PCL/PLA/PBS ternary blend (Figure 4)

5) Crystallization of partially wet PLA droplets in PCL/PLA/PBS ternary blend (Figure 5)