

Supporting information

Using biodegradable poly (butylene succinate) to synergistically toughen polymer blends without sacrificing stiffness

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Table S1 Contact angle and surface tension results of different components

Sample	Contact angle (°)		Surface tension (mJ/m ²)		
	Distilled Water	Diodomethane	γ	γ^d	γ^p
PVC/ α -MSAN ¹	81.6	34.7	43.04	39.20	3.85
CPE ¹	92.6	39.1	40.07	39.02	1.04
PBS ²	90.4	60.6	48.60	39.90	8.70

References

1. Z. Zhang, X. Zhao, S. Wang, J. Zhang and W. Zhang, *RSC Adv.*, 2014, **4**, 60617-60625.
2. D. Wu, L. Yuan, E. Laredo, M. Zhang and W. Zhou, *Industrial & Engineering Chemistry Research*, 2012, **51**, 2290-2298.

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