

Supporting Information

Facile Synthesis of Highly Hydrophobic Cellulose Nanoparticles through Post-esterification Microfluidization

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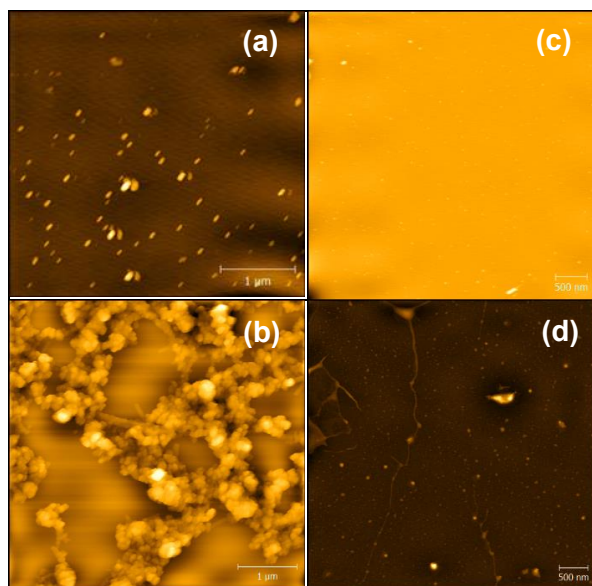


Fig. S1 AFM images of post esterification fibrillated (PeM) cellulose nanomaterials (CNP). (a) CNP-S10T80t1; (b) CNP-S05T80t2; (c) CNP-N10T80t1; (d) CNP-N10T60t2.

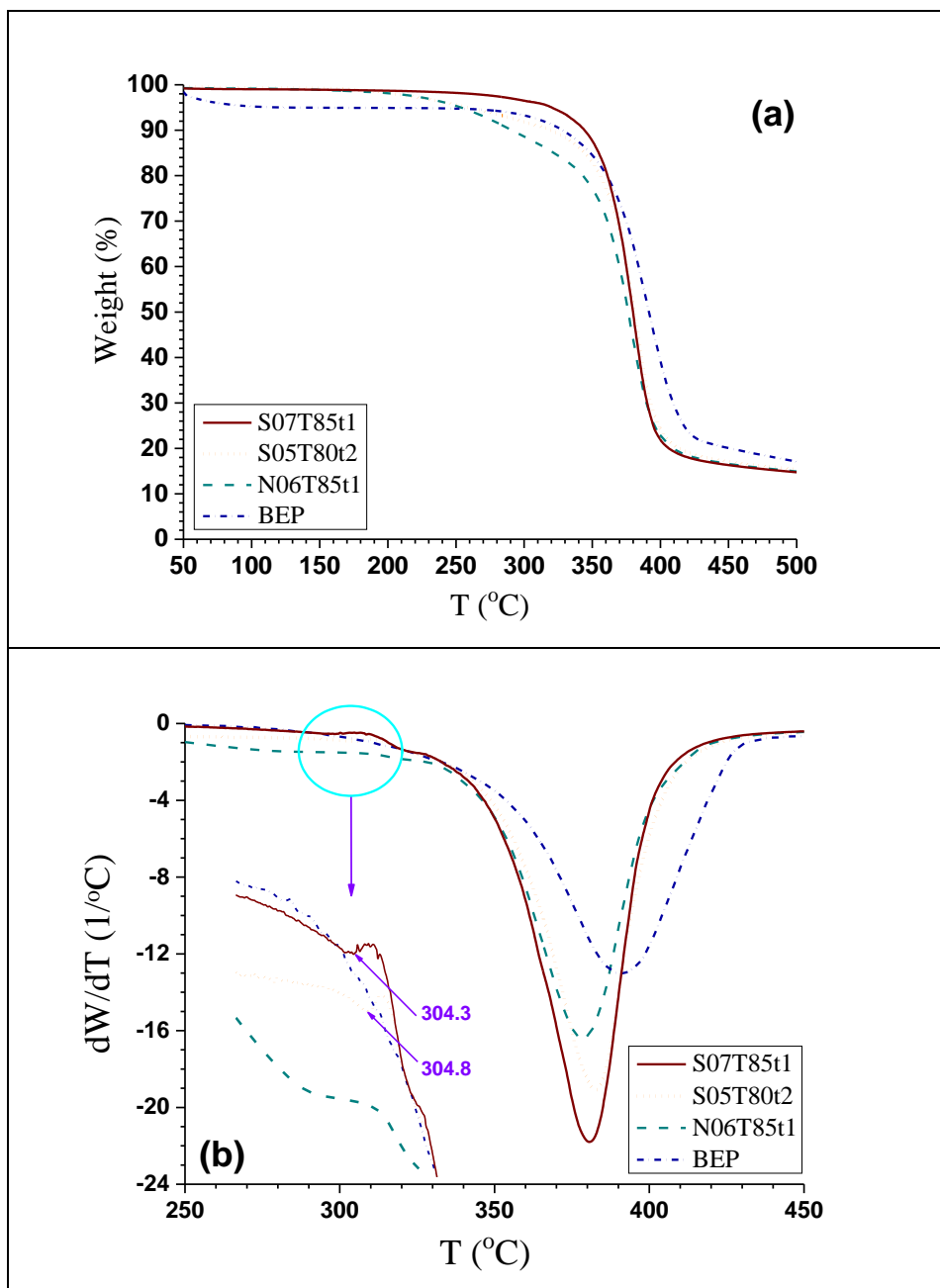


Fig. S2 Thermal stability of BEP and PeM-CNP samples. (a) weight loss; (b) derivative weight loss.

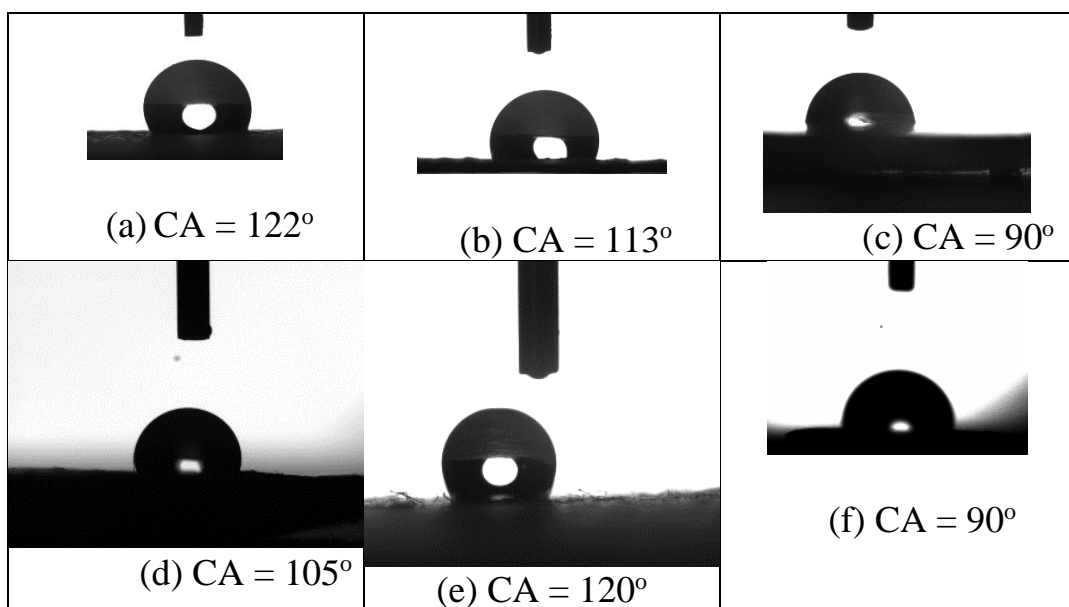


Fig. S3 Water contact angle on surface of PeM-CNP pellets: (a) S10T80t1; (b) S07T85t1; (c) S05T80t2; (d) N10T80t1; (e) N10T60t2; (f) N06T85t1.

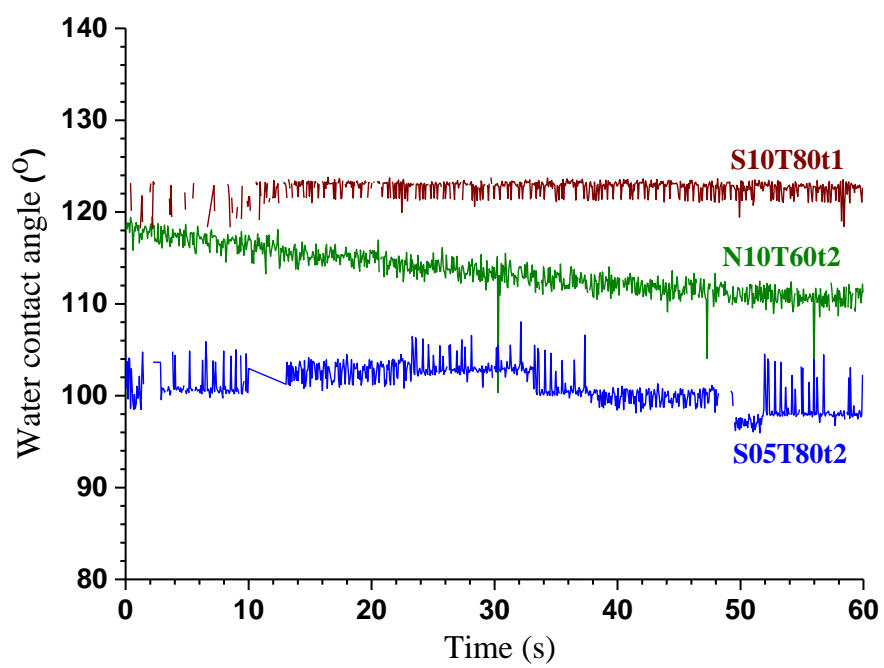


Fig. S4 Time-dependent water contact angle on PeM-CNP samples