

Supporting information

Fluorine Free Surface Modification of Microfibrillated Cellulose-Clay Composite Films: Effect of Hydrophobicity on Gas Barrier Performance

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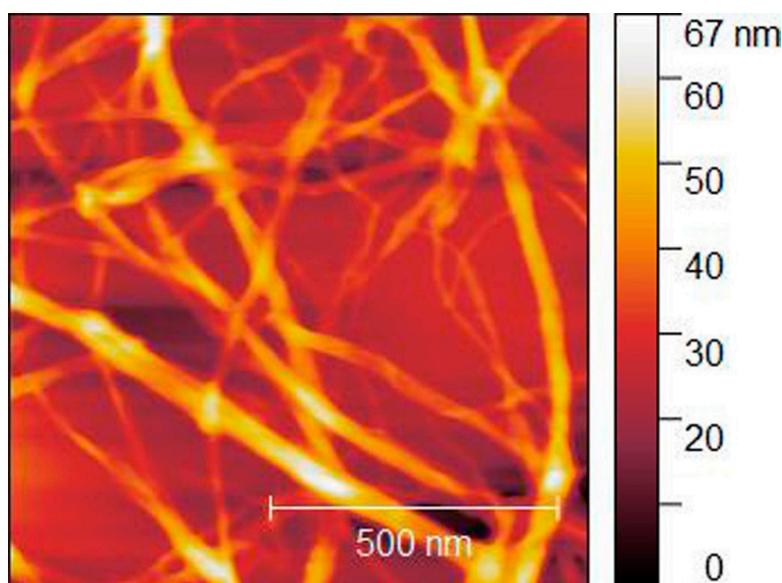


Figure S1. AFM image of MFC acquired in tapping mode using a silicon cantilever (AC160TSA) and a Cypher VRS AFM (Oxford Instruments-Asylum Research, USA).

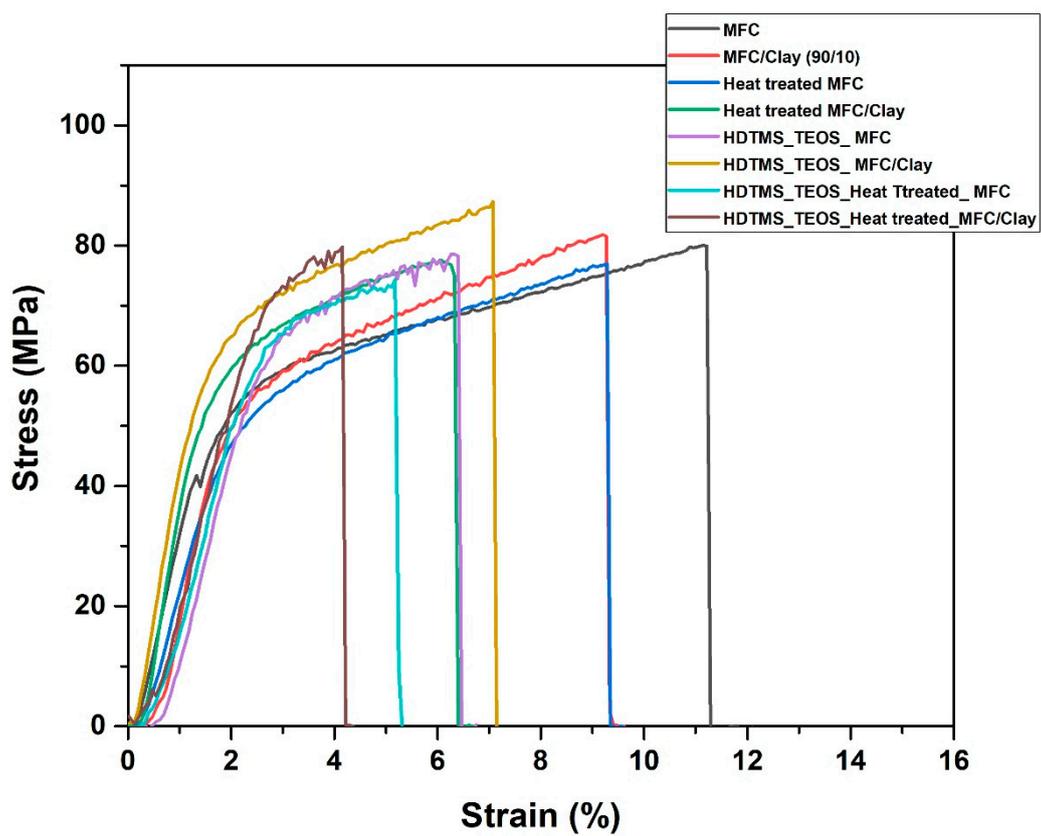


Figure S2. Stress-strain curves of MFC films under tensile loading, with and without clay, heat treatment and TEOS-HDTMS modification.