

# Supplementary Information for Barrier Performance of Spray Coated Cellulose Nanofibre Film

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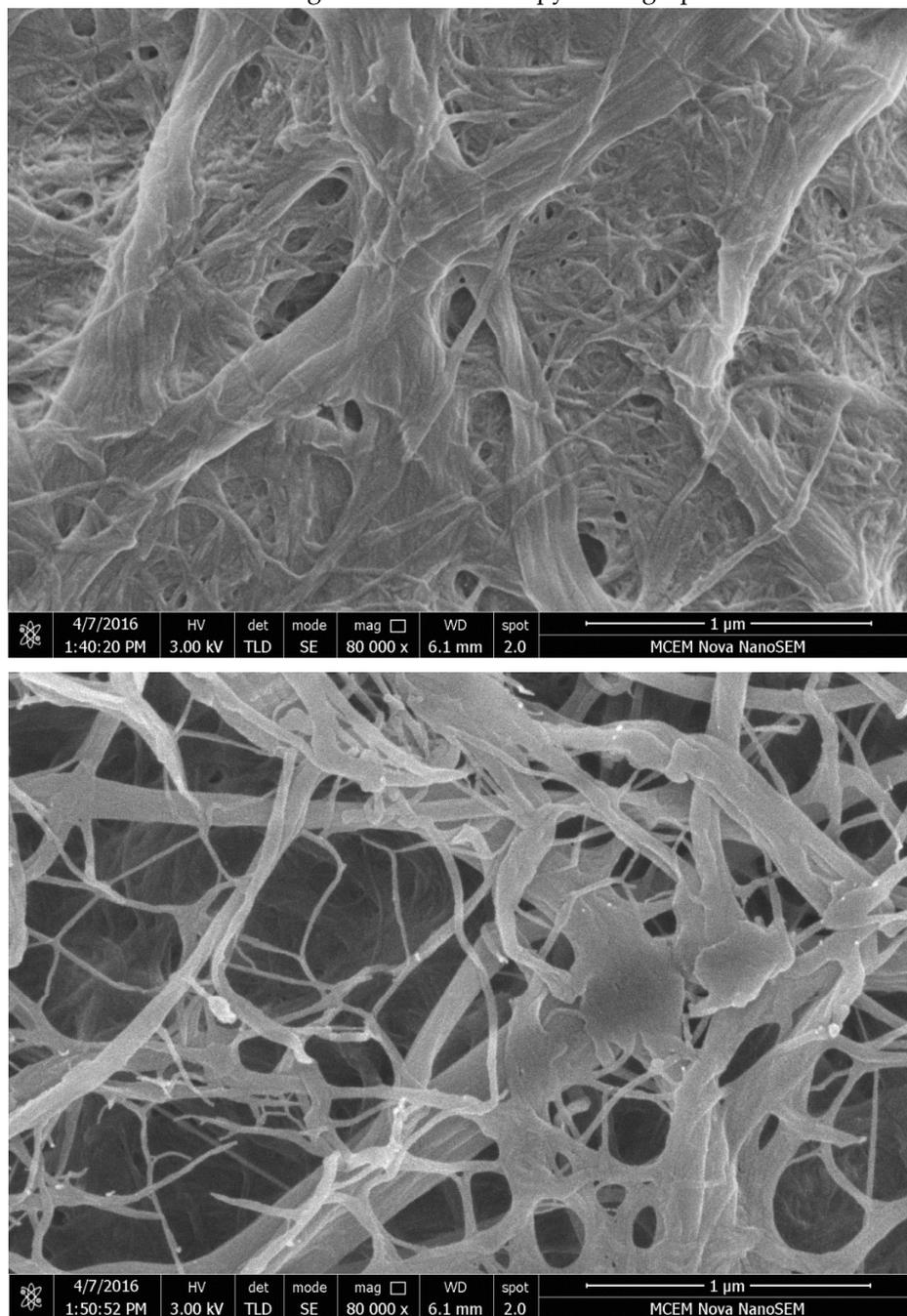
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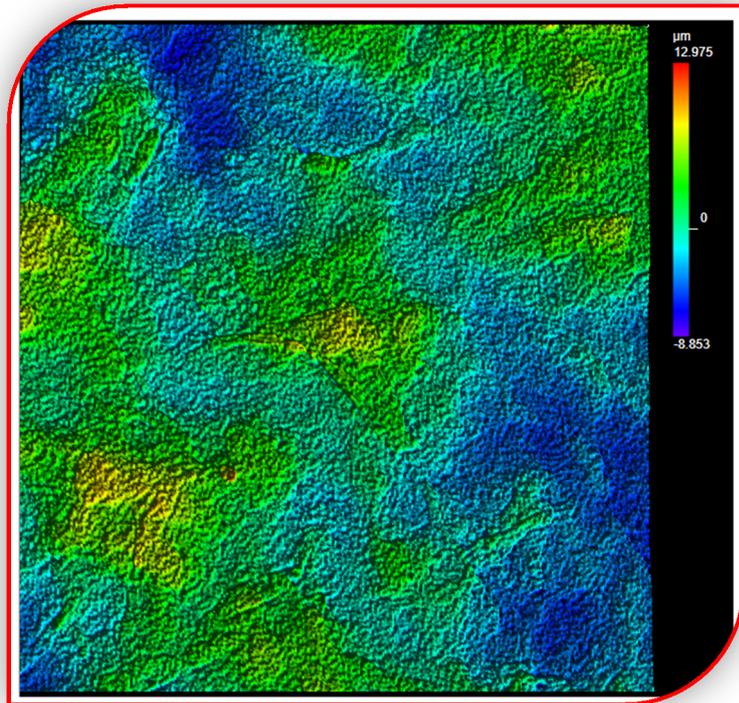
## Scanning Electron Microscopy Micrograph



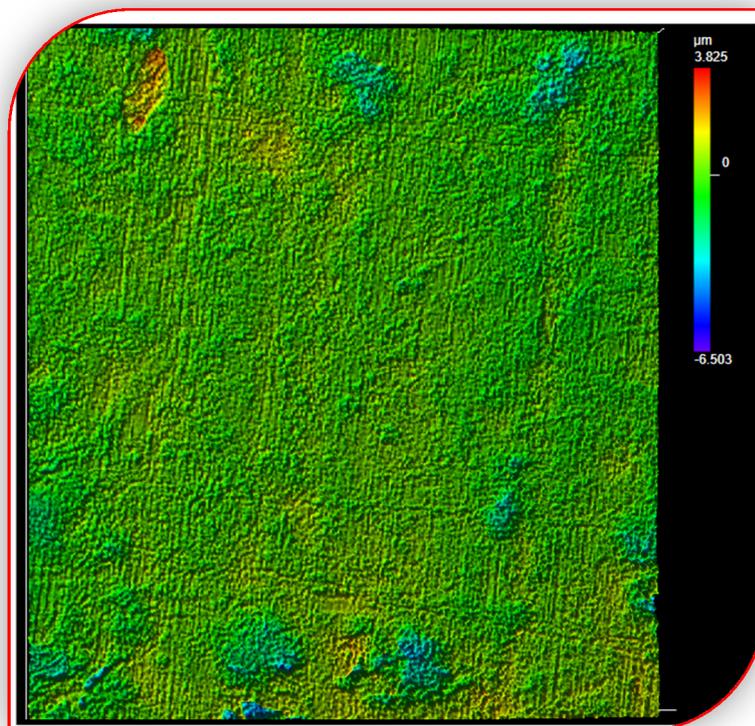
S1 – Rough and Smooth Surface of Spray Coated CNF Film's SEM Micrographs

Figure S1. SEM Micrographs of Rough and Smooth Surfaces of CNF Film.

## Optical Profilometry Images



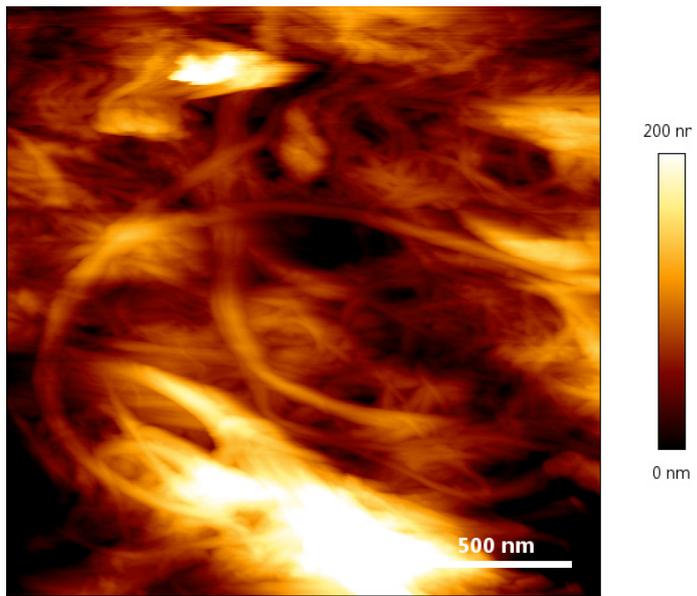
S2-1—Optical Profilometry Image of Rough Side of CNF Film



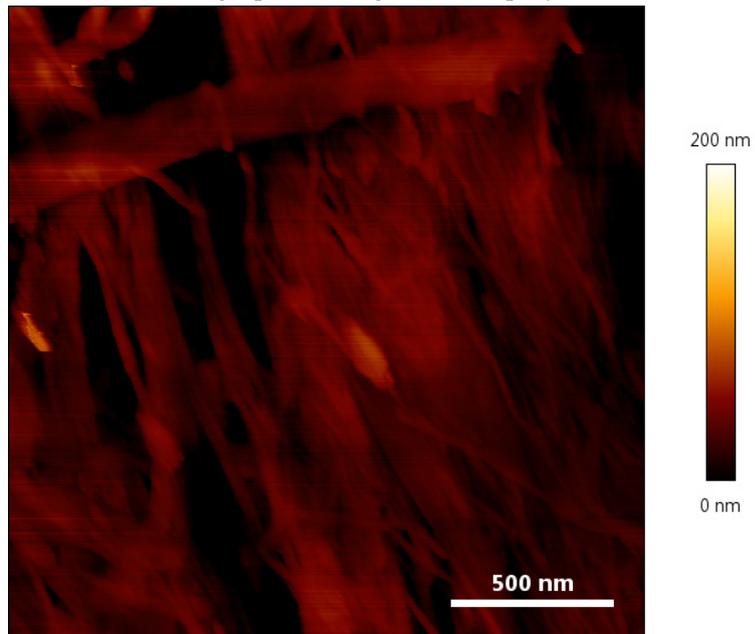
S2-2—Optical Profilometry Image of Smooth Side of CNF Film

**Figure S2.** Optical Profilometry Images of Rough and Smooth Surfaces of CNF Film.

**Atomic -+  
Force Microscopy Images**

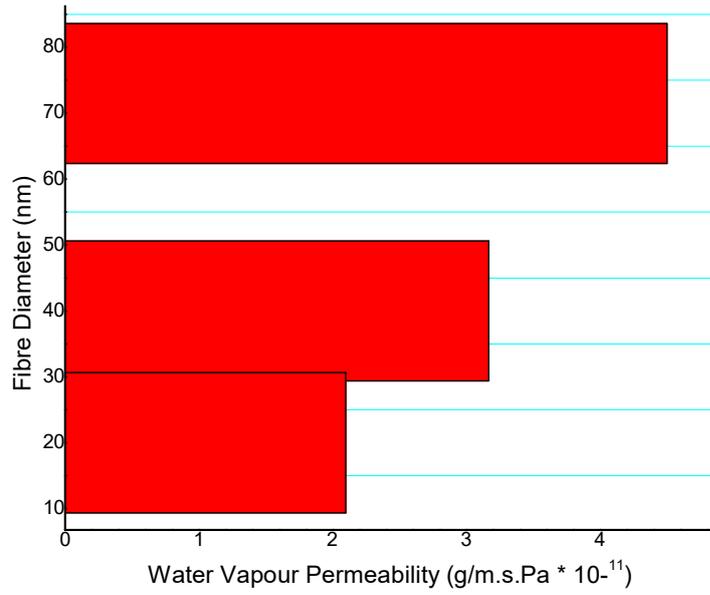


S3-1 – AFM micrograph of Rough side of spray coated CNF film



S3-2 – AFM micrograph of smooth surface of CNF film

**Figure S3.** Optical Profilometry Images of Rough and Smooth Surfaces of CNF Film.



S4— Effect of fibre diameter on the WVP of CNF film

Figure S4. Optical Profilometry Images of Rough and Smooth Surfaces of CNF Film.