

ALD Al₂O₃ on nanocellulose substrates – tailoring barrier and wetting properties for food packaging

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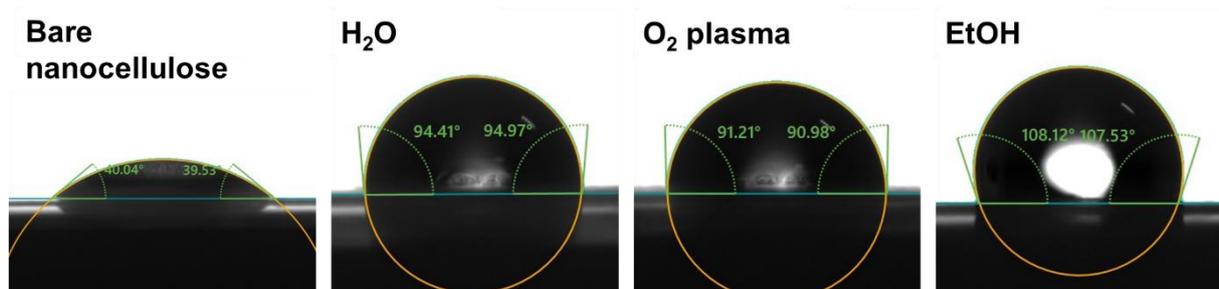


Figure 1: Contact angle of bare nanocellulose and nanocellulose with 5 cycle ALD Al₂O₃, deposited with TMA and different co-reactants.

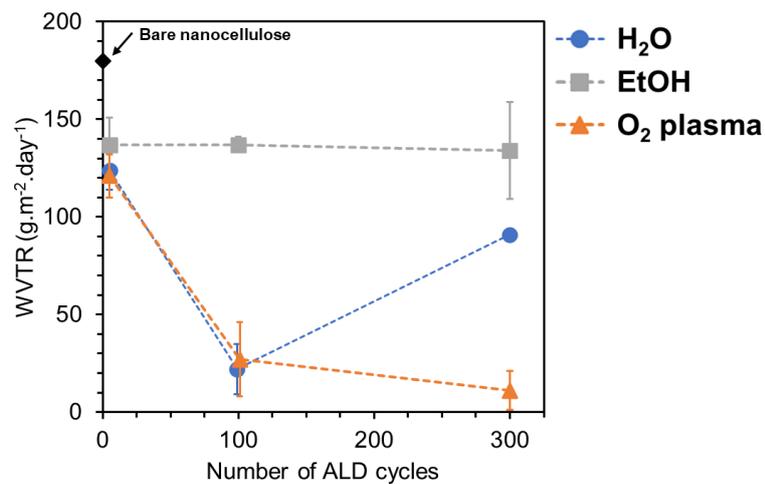


Figure 2: WVTR (23 °C, 50% RH) variation of ALD Al₂O₃, deposited with TMA and different co-reactants and ALD cycles.