

# Supplementary Materials: Deposition of $\text{SiO}_x\text{C}_y\text{H}_z$ Protective Coatings on Polymer Substrates in an Industrial-Scale PECVD Reactor

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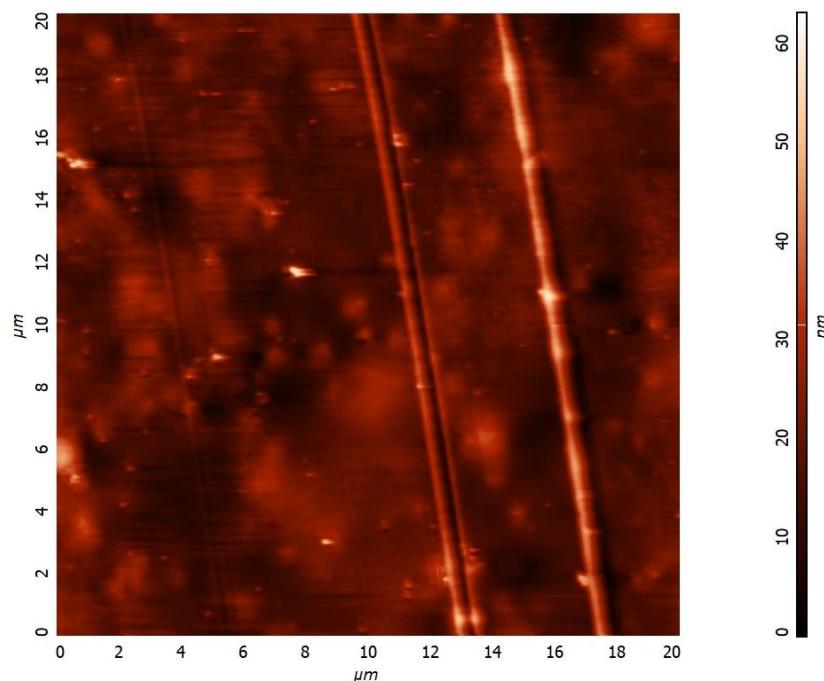
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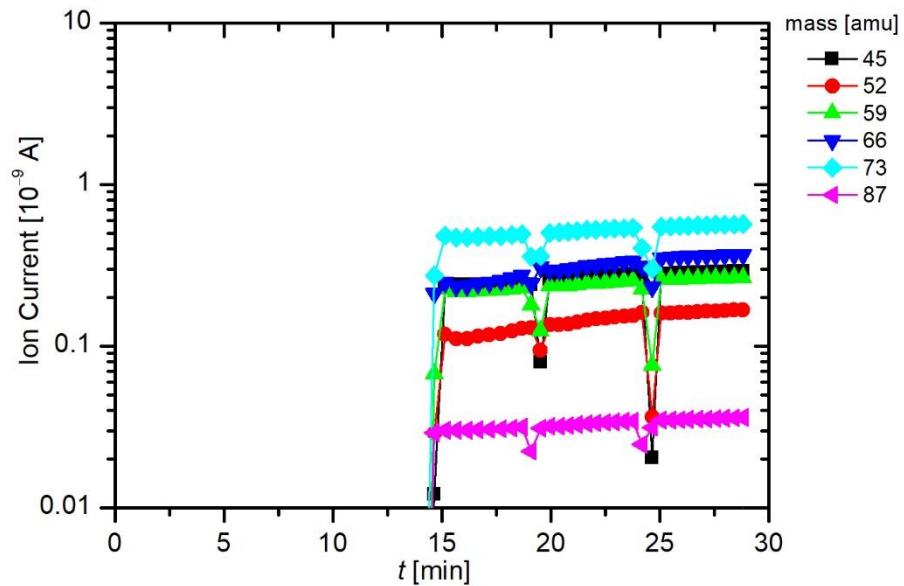
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**Figure S1.** One of the AFM images of the untreated sample. Measurements with AFM were performed on 3 samples at different places. The average roughness was around  $S_a = 5 \text{ nm}$  ( $S_q = 6.5 \text{ nm}$ ).



**Figure S2.** Mass spectrometry of gaseous molecules of higher masses during all phases of the production process.



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