

Supporting information

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Article title: Evidence of a 2D-ordered structure in biobased poly(pentamethylene furanoate) responsible for its outstanding barrier and mechanical properties

5 Pages

6 Figures

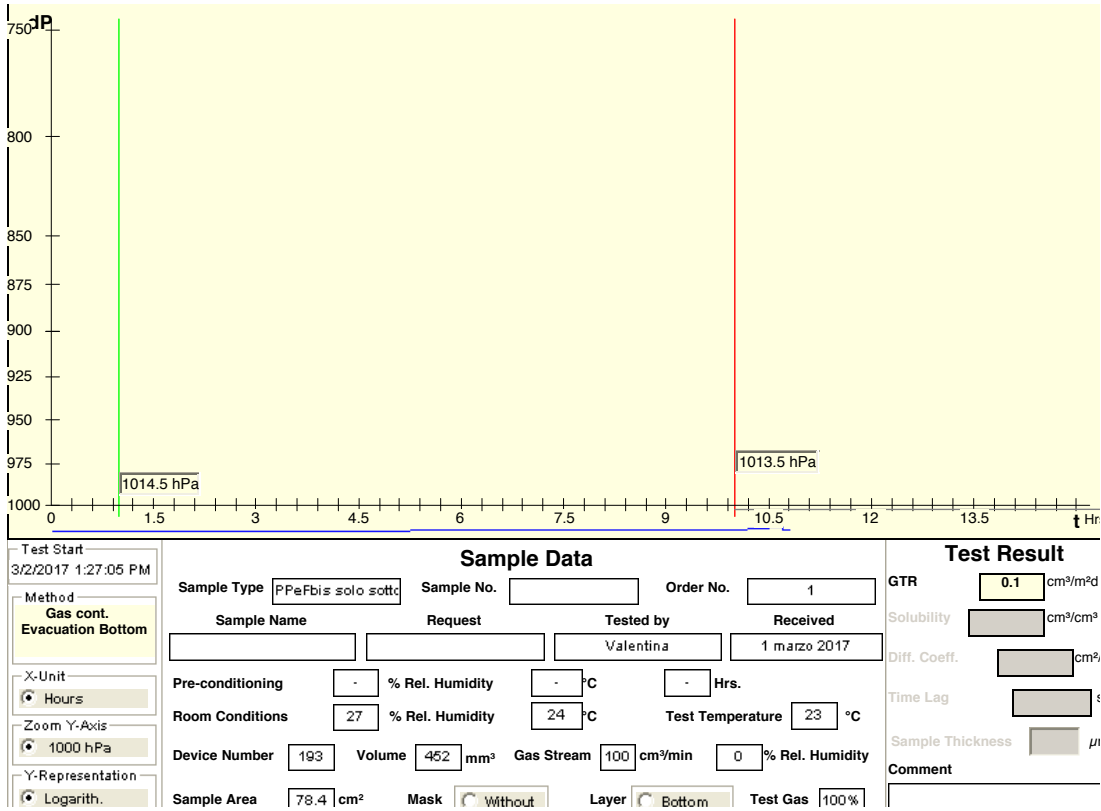


Figure S1. dP vs. time for O₂

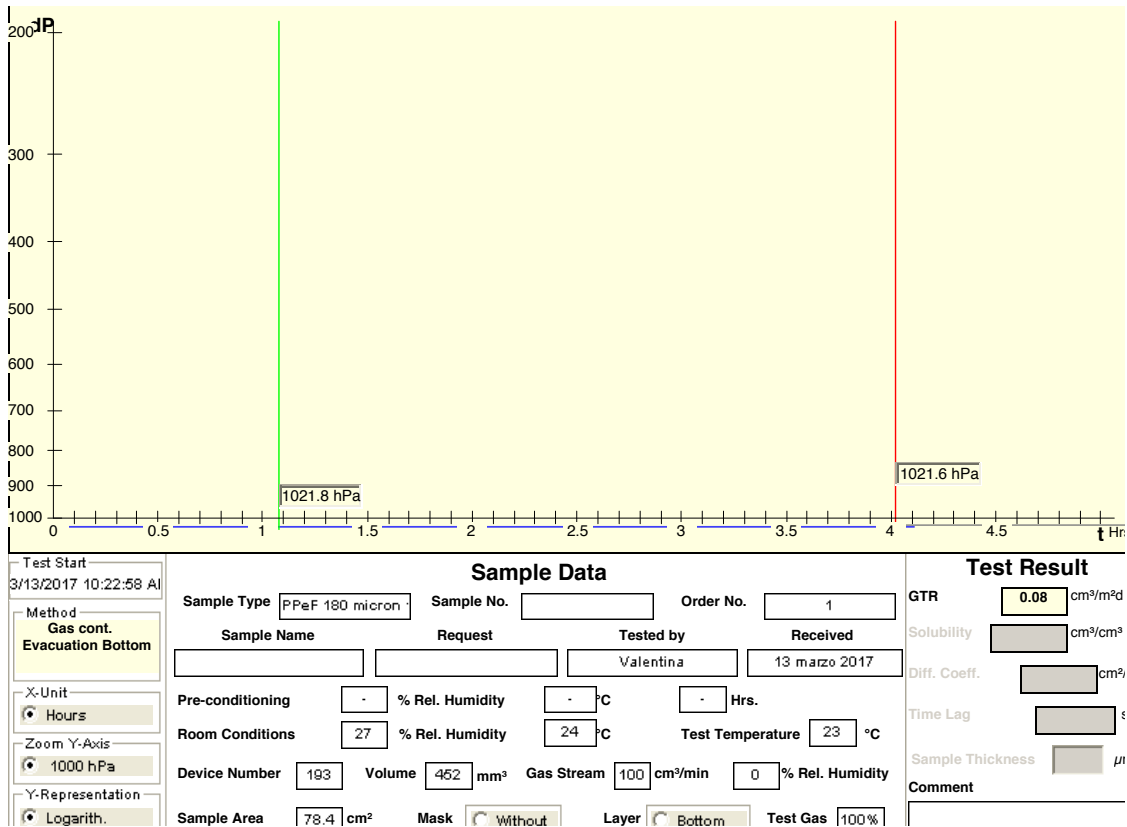


Figure S2. dP vs. time for CO₂

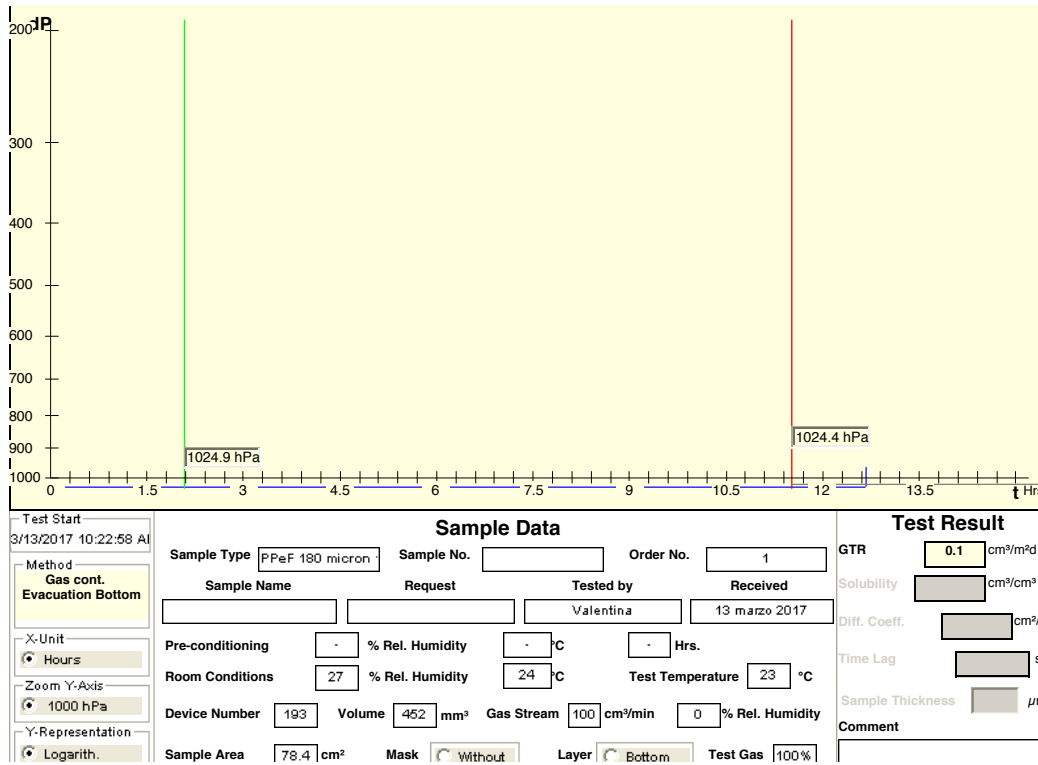


Figure S3. dP vs. time for N₂

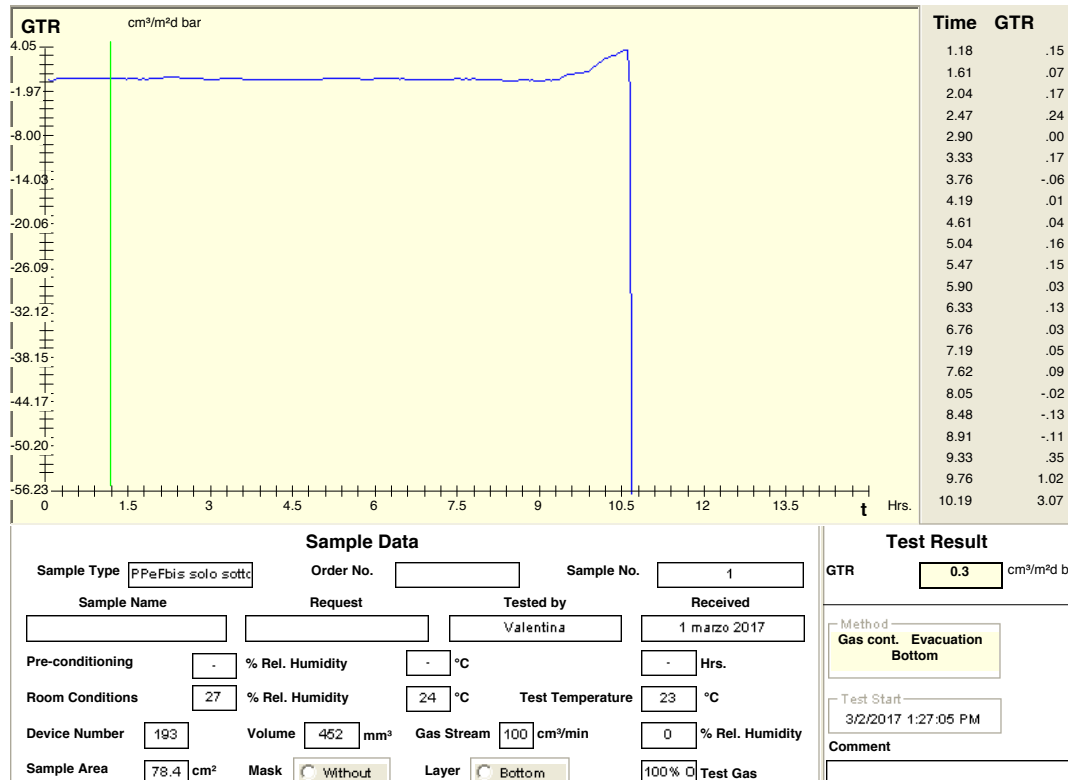


Figure S4. GTR vs. time for O₂

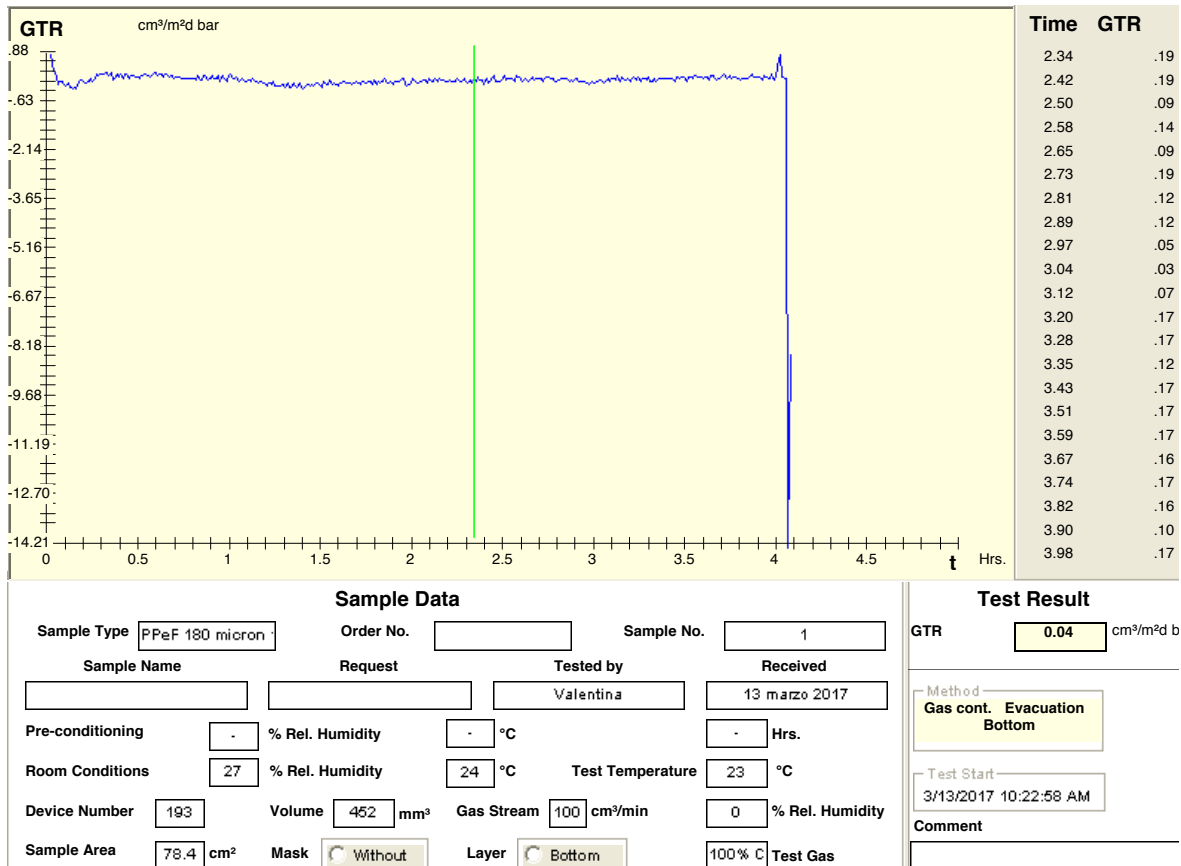


Figure S5. GTR vs. time for CO₂

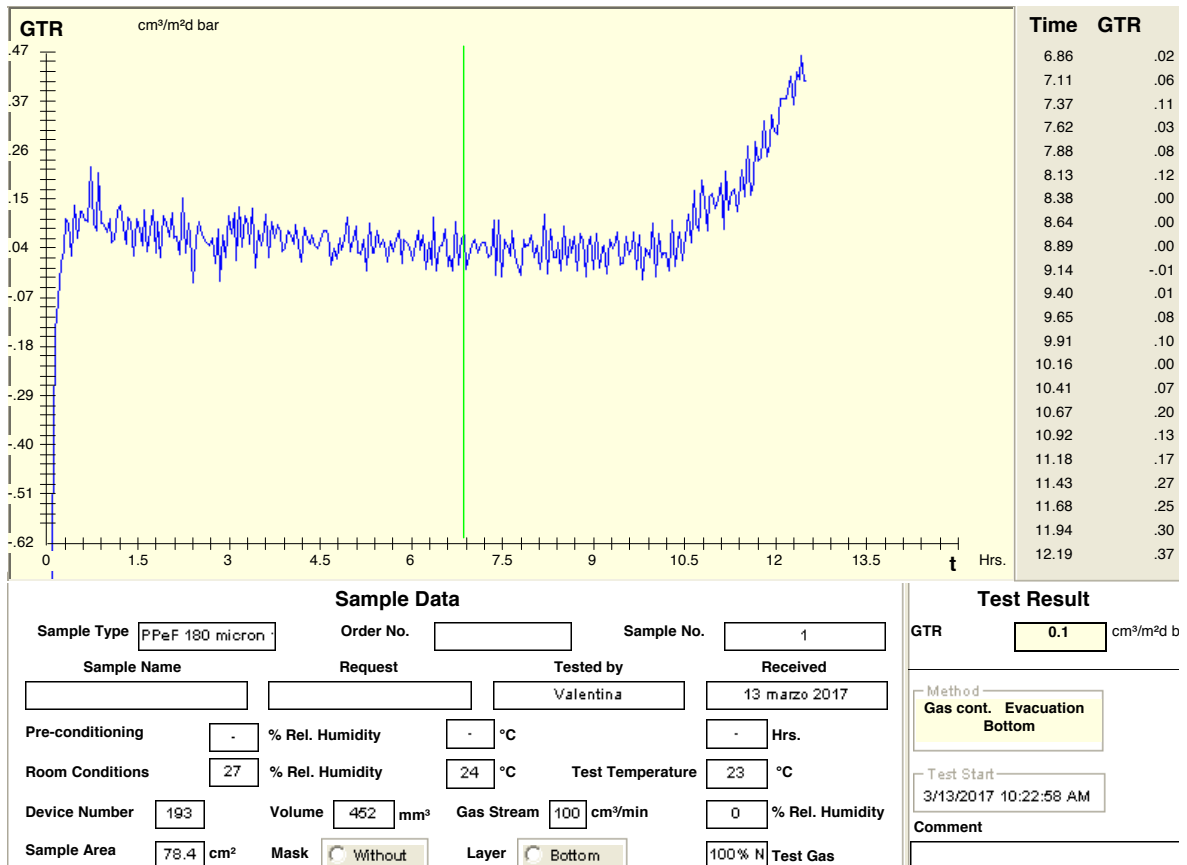


Figure S6. GTR vs. time for N₂

In Figures S1, S2 and S3 the dP vs. time windows containing a graphic representation of the current pressure values as retrieved by the Instrument, are reported for all the three gases. Figures S4, S5 and S6 show the actual gas transmission rate (GTR) values recorded as a function of time.

In the dP vs. time graphs, the green and the red vertical lines indicate the range considered for the calculation of the pressure values.

In Figures S4, S5 and S6, the GTR blue curve represents for all the gases, O₂ CO₂ and N₂, the pressure evolution at the bottom permeation cell over time, as retrieved by the Instrument.