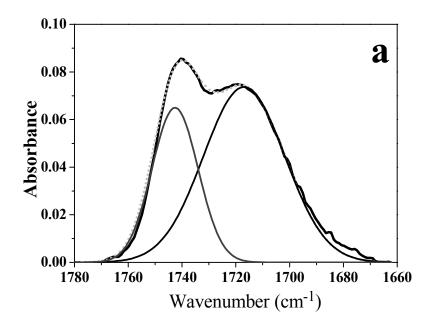
Supporting Information for

The Influence of Poly(vinyl phenol) Sublayer on the Crystallization Behavior of Poly(3-hydroxybutyrate) Thin Films

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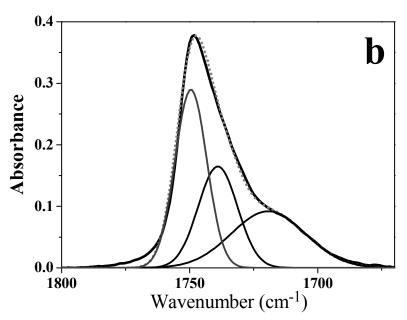


Figure S1 Decomposition of observed FTIR spectra in the C=O stretching region for 40 nm-thick PHB (a) and 185 nm-thick PHB (b) on PVPh substrate (solid line) into first kind of amorphous component of PHB (1742 cm⁻¹ for (a); 1750 cm⁻¹ for (b)), second kind of amorphous component of PHB(1737cm⁻¹ only for (b)), hydrogen bonded component

(C=O...O-H) between PHB and PVPh(1715cm⁻¹). The reconstructed absorbance (dotted line) was obtained by summing up of the absorbance of the elemental bands.

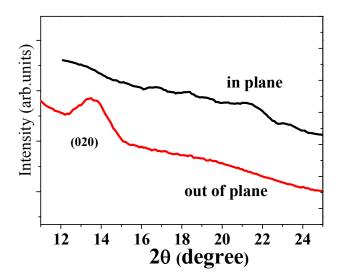


Figure S3 Out-of-plane and in-plane GIXD profiles of 245 nm-thick PHB thin film on PVPh layer melt-recrystallized at 25°C.