

Figure S1

Optical micrograph show the spherulitic structure of neat PVDF crystallized isothermally at 155 °C. The smooth-linear spherulite boundary can be clear see. The banded structure of the spherulite can hardly be observed under the condition as used in Figure 1. An enlarged part of this picture inset of the picture shows ring-banded structure of PVDF with smaller band periodicity.

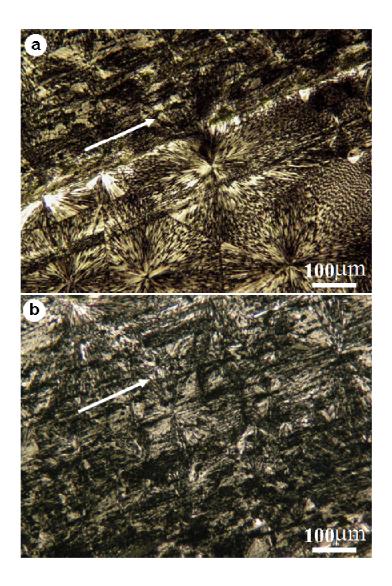


Figure S2

Optical micrographs show (a) the interface of the crystallization of PBS on highly orientated PVDF film (top half) and the glass matrix (bottom half). (b) The full view of the top half part of (a). The arrows indicate the orientation direction of the film. It can be seen the morphology of PBS crystallized on the orientated PVDF film is almost the same as on the glass, except for the spherulites size. If PVDF has epitaxial effect on PBS, only large amount of tiny crystals instead of spherulites could be observed. What's more, there are no columni-like structures formed at the interface, which is typical for the epitaxial effect.