Effects of nucleating agents on II-I transition of iPB-1

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Figure S1 Typical DSC melting curves of neat iPB-1 (a), and iPB-1 containing different nucleating agents of WBQ-88 (b), TMB-5 (c) and WBG-II (d) all with a weight proportion of 0.1 wt % after non-isothermally crystalized by cooling from 200 °C to 25 °C at 10 °C/min and rapidly heated again to 60 °C for further annealing for different time.

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Figure S2 Typical DSC melting curves of neat iPB-1 (a), and iPB-1 containing different nucleating agents of WBQ-88 (b), TMB-5 (c) and WBG-II (d) all with a weight proportion of 0.1 wt % after non-isothermally while cooling from 200 °C to 25 °C at 10 °C/min and rapidly aged at



Figure S3 DSC melting curves of neat iPB-1 isothermally crystallized at 90 °C (a), 95 °C (b), and

100 °C (c).



Figure S4 DSC melting curves of iPB-1 containing WBQ-88 of a weight proportion of 0.1 wt% isothermally crystallized at 90 °C (a), 95 °C (b), and 100 °C (c).



Figure S5 DSC melting curves of iPB-1 containing TMB-5 of a weight proportion of 0.1 wt% isothermally crystallized at 90 °C (a), 95 °C (b), and 100 °C (c).



Figure S6 DSC melting curves of iPB-1 containing WBG-II of a weight proportion of 0.1 wt%



Figure S7 Dependence of $T_{m, II}$ on aging time during II-I Transition at 25 °C of neat iPB-1 (a) and iPB-1 containing WBQ-88 (b), TMB-5 (c) and WBG-II (d) all of a weight proportion of 0.1 wt% after isothermally crystallized at various T_{cs} relative to the non-isothermally crystallized samples at a cooling rate of 10 °C/min.



Figure S8 Dependence of $T_{m, I}$ on aging time during II-I Transition at 25 °C of neat iPB-1 (a) and iPB-1 containing WBQ-88 (b), TMB-5 (c) and WBG-II (d) all of a weight proportion of 0.1 wt% after isothermally crystallized at various T_{c} s relative to the non-isothermally crystallized samples at a cooling rate of 10 °C/min.