Supplementary Information

Jianqiang Zhang,^{*a,b*} Zongbao Wang,^{*a*} Bingjie Wang,^{*a*} Quting Gou,^{*a*} Junwu Zhang,^{*a*} Jian Zhou,^{*a*} Ya Li,^{*a,c*} Peng Chen^{*a*} and Qun Gu^{*a*}

^a Ningbo Key Laboratory of Polymer Materials, Ningbo Institute of Material Technology and Engineering, Chinese Academy of Sciences, Ningbo, 315201, P. R. China.

^b School of Petrochemical Technology, Lanzhou University of Technology, Lanzhou, 730050, P. R. China

^c Institute of Material Engineering, Ningbo University of Technology, Ningbo 315016, P. R. China

* E-mail: guqun@nimte.ac.cn; wangzb@nimte.ac.cn



Fig. S1 DSC thermograms of CBT and LT-CBT, heating at 100 °C/min.



Fig. S2 In situ POM images of un-melted CBT in catalyzed CBT at 190 °C for 30 min in hot stage and then in situ heating. (a) 190 °C; (b) 192 °C; (c) 194 °C; (d) 196 °C. Scale bars: 20μm



Fig. S3 WAXD patterns of CBT, LT-CBT and HT-CBT



Fig. S4 SEM images of catalyzed LT-CBT polymerized in hot stage at 190 °C for 90 min. (a) Macroscopic morphology; (b) Enlarged view of (a)