**Supplementary material**
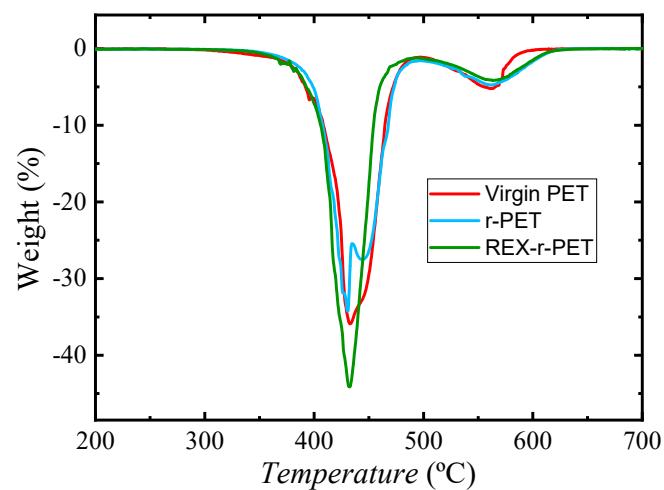
Figure S1. DTGA.
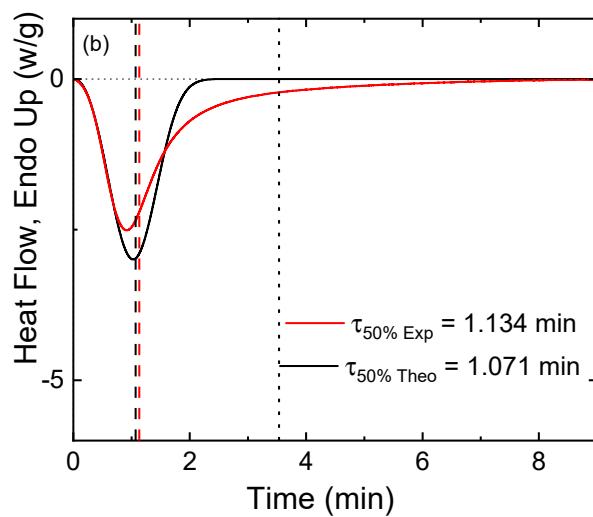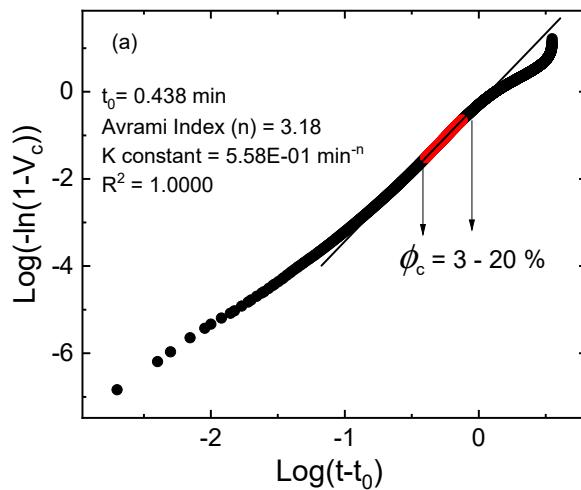
Figure S2. An example of Avrami plots of the data obtained during crystallization of r-PET-O at 200 ºC. (a) Avrami plot of the experimental data obtained during crystallization. (b) Normalized heat flow experimental data during crystallization compared to the data predicted data by the Avrami model.

Table S1. Parameters obtained from fitting the DSC data presented in Figure SI-1 to the Avrami model.

T_c	t_0	n	K	$K_{1/n}$	R	$t_{50\% \, exp}$	$t_{0\% \, Theo}$	$1/t_{50\% \, exp}$
(ºC)	(min)		(min^{-n})			(min)	(min)	(1/min)
200	0.345	2.89	0.853	0.6316	1	0.931	0.957	1.07411