

Supplementary Materials

Table S1. Avrami fit parameters for the PLA homopolymers and copolymers.

Sample	T_c (°C)	n	K (min ⁻ⁿ)	R^2	$t_{50\% \text{ exp}}$ (min)	$t_{50\% \text{ teo}}$ (min)
LL ₁₀₀ ^{5,4}	100	4	0.0327	0.9997	2.13	2.15
	105	3.1	0.025	0.9998	2.87	2.94
	110	2.9	0.0211	0.9999	3.3	3.38
	113	2.9	0.0178	0.9999	3.48	3.53
	115	2.7	0.0165	0.9999	3.9	3.94
	120	3.1	0.0021	0.9999	6.63	6.45
LL ₇₀ ^{5,4} -co-BS ₃₀ ^{7,4}	92	2.3	0.0531	0.9999	3.38	3.1
	93	2.6	0.0501	0.9995	3.11	2.78
	94	2.6	0.0408	0.9997	3.26	2.93
	95	2	0.0453	0.9981	3.91	3.78
	96	2.5	0.0322	0.9996	3.68	3.45
	97	2.6	0.025	0.9998	3.73	3.5
	98	2.9	0.0179	0.9999	3.85	3.56
	99	2.9	0.0189	0.9998	3.76	3.51
	100	3	0.0109	0.9998	4.33	3.98

Table S2. Avrami fit parameters for the PBS homopolymer and copolymers.

Sample	T_c (°C)	n	K (min ⁻ⁿ)	R^2	$t_{50\% \text{ exp}}$ (min)	$t_{50\% \text{ teo}}$ (min)
BS ₁₀₀ ^{7,4}	83	2.7	0.1223	0.9999	1.93	2.02
	84	2.7	0.0629	0.9999	2.55	2.44
	85	2.6	0.0332	0.9999	3.35	3.16
	86	2.6	0.0159	0.9999	4.2	4.37
	87	2.6	0.0087	0.9999	5.6	5.29
	88	2.5	0.0047	0.9998	7.73	7.12
LL ₂₀ ^{5,4} -co-BS ₈₀ ^{7,4}	63	3	0.0044	0.9999	5.4	5.45
	64	3.1	0.0033	0.9999	5.66	5.68
	65	3.1	0.0024	0.9999	5.96	5.97
	66	3.2	0.0018	0.9999	6.26	6.24
	67	2.9	0.0017	0.9999	7.4	7.68
	68	2.9	0.0016	0.9998	7.71	8.05
	69	2.9	0.0011	0.9999	8.48	8.75
	70	2.8	0.0011	0.9999	9.35	9.59