

Electronic Supporting Information

Enhancing melt stability of polylactide stereocomplexes by using solid-state cross-linking strategy during melt-blending process

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Table S1. Thermal parameters of PLLA/PDLA (50/50) blend with and without cross-linker in the first heating run, in the cooling run after melting, and in the second heating run after melting recrystallization.

Code	1st heating run		Cooling run			2nd heating run		
	T_m	ΔH_m	$T_{c,hc}$	$T_{c,sc}$	$T_{m,hc}$	$\Delta H_{m,hc}$	$T_{m,sc}$	$\Delta H_{m,sc}$
	(°C)	(J/g)	(°C)	(°C)	(°C)	(J/g)	(°C)	(J/g)
LD	233.4	70.3	128.9/136.4	160.6	164.6/173.6	21.5	220.0	23.4
LD0.1TAIC	232.4	69.6	123.5/132.7	161.3	163.1/172.1	15.2	219.5	32.1
LD0.2TAIC	231.6	66.7	131.2	162.5	162.1/171.2	6.9	219.2	43.3
LD0.3TAIC	231.7	60.6	131.0	166.6	162.3/171.4	3.9	219.1	44.7
LD0.5TAIC	231.4	58.2	–	173.7	–	–	218.5	47.5