Table 1: Crystallinity(χ_c) and thermal stability of components in PCL/PLA blends

Sample	χ_{PCL} (%)	χ_{PLA}(%)	T_m(°C) of PCL	T_d(°C) of PCL	χ_{PCL}(%)(WAXS)
0%	33.2	18.4	59.8		27.0
25%	31.2	14.3	60.3		27.4
50%	31.7	14.6	61.1		27.7
75%	34.8	16.8	61.3		33.5
100%	44.0	13.3	63.4		37.3
125%	43.5	15.5	64.1		34.3

χ_c calculated using Δ_m^c of PCL of 139.5($J \cdot g^{-1}$), Δ_m^c of PLA of 79($J \cdot g^{-1}$).

Table 2: SAXS analysis of PCL/PLA blends

Sample	**q**(nm^{-1})	Lamllar width(nm)	f
0%	0.3663	17.15	
25%	0.3948	15.91	
50%	0.3948	15.91	
75%	0.3995	15.72	
100%	0.3901	16.10	
125%	0.3922	16.02	

Table 3: Dynamic properties of the PCL/PLA blends

Sample	Young's Modulus(Mpa)	Tensile Strength(Mpa)	Elongation at break(%)
0%	3799	12.14	13.26
25%	4239	13.56	9.406
50%	4880	17.99	10.43
75%	6017	21.30	9.893
100%	7499	18.75	9.573
125%	5730	20.10	7.667