

# CITATION REPORT

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**Thermal and mechanical properties of chemical crosslinked polylactide (PLA)**

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#	Paper	IF	Citations
278	The effects of dioctyl phthalate plasticization on the morphology and thermal, mechanical, and rheological properties of chemical crosslinked polylactide. <b>2009</b> , 47, 1136-1145		33
277	Biocorrosion properties and blood and cell compatibility of pure iron as a biodegradable biomaterial. <b>2010</b> , 21, 2151-63		100
276	Synthesis and characterizations of branched poly(butylene succinate) copolymers with 1,2-octanediol segments. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 117, NA-NA	2.9	2
275	Influence of some crosslinking agents on thermal and mechanical properties of electron beam irradiated polylactide. <b>2010</b> , 79, 1052-1057		48
274	Superhydrophobic PLA fabrics prepared by UV photo-grafting of hydrophobic silica particles possessing vinyl groups. <b>2010</b> , 344, 584-7		55
273	The effect of free radical reactions on structure and properties of poly(lactic acid) (PLA) based blends. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 332-341	4.7	90
272	Crystallinity and dimensional stability of biaxial oriented poly(lactic acid) films. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 1292-1298	4.7	69
271	Multiblock copolymers composed of poly(butylene succinate) and poly(1,2-propylene succinate): Effect of molar ratio of diisocyanate to polyester-diols on crosslink densities, thermal properties, mechanical properties and biodegradability. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 1743-1750	4.7	36
270	Biodegradation and thermal decomposition of poly(lactic acid)-based materials reinforced by hydrophilic fillers. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 1704-1707	4.7	95
269	Homogeneous polyimide/cyclodextrin composite membranes for pervaporation dehydration of isopropanol. <i>Journal of Membrane Science</i> , <b>2010</b> , 346, 45-58	9.6	57
268	Photoinitiator grafted styrene-butadiene-tyrene triblock copolymer. <b>2010</b> , 30, 1030-1037		16
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263	Study of Effects of Processing Aids on Properties of Poly(lactic acid)/Soy Protein Blends. <b>2011</b> , 19, 239-247		13
262	Crosslinking of poly(L-lactide) nanofibers with triallyl isocyanurate by gamma-irradiation for tissue engineering application. <b>2011</b> , 99, 655-65		17

261	Preparation, characterization, and properties of crosslinked hydroxylated poly(styrene-b-butadiene-b-styrene) triblock copolymer. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 120, 1162-1169	2.9	3
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