

An overview on the degradability of polymer nanocomp

Polymer Degradation and Stability

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Protecting conductive polymer wire from oxidation using an air-impermeable polyisobutylene coating. <i>Thin Solid Films</i> , 2005, 488, 149-152.	0.8	0
2	Biodegradable polymers and their layered silicate nanocomposites: In greening the 21st century materials world. <i>Progress in Materials Science</i> , 2005, 50, 962-1079.	16.0	1,417
3	Synthesis, polymerization, and effects on the flame retardancy of boron-containing styrenic monomers. <i>Journal of Polymer Science Part A</i> , 2005, 43, 6419-6430.	2.5	19
4	The Potential Use of Polymer-Clay Nanocomposites in Food Packaging. <i>International Journal of Food Engineering</i> , 2006, 2, .	0.7	124
5	Photo-oxidation of Polyolefin/Clay Composites. <i>Studies in Surface Science and Catalysis</i> , 2006, , 233-236.	1.5	3
6	Thermooxidation effects on the structuring of molten polypropylene-clay nanocomposites. <i>Polymer International</i> , 2006, 55, 681-687.	1.6	4
7	The influence of silicate-based nano-filler on the fracture toughness of epoxy resin. <i>Engineering Fracture Mechanics</i> , 2006, 73, 2336-2345.	2.0	64
8	Study on the antioxidant activities of benzofuranones in melt processing of polypropylene. <i>Polymer Degradation and Stability</i> , 2006, 91, 2888-2893.	2.7	18
9	A study on the photo-degradation of zinc oxide (ZnO) filled polypropylene nanocomposites. <i>Polymer</i> , 2006, 47, 3207-3217.	1.8	236
10	Nanoindentation behaviour of layered silicate reinforced unsaturated polyester nanocomposites. <i>Polymer Testing</i> , 2006, 25, 846-852.	2.3	85
11	Polymers from triglyceride oils. <i>Progress in Polymer Science</i> , 2006, 31, 633-670.	11.8	667
12	Silica filled poly(1-trimethylsilyl-1-propyne) nanocomposite membranes: Relation between the transport of gases and structural characteristics. <i>Journal of Membrane Science</i> , 2006, 278, 83-91.	4.1	95
13	Synthesis, crosslinking and flame retardance of polymers of boron-containing difunctional styrenic monomers. <i>Reactive and Functional Polymers</i> , 2006, 66, 1047-1054.	2.0	45
14	Flame retardancy of polycarbonate-polydimethylsiloxane block copolymer/silica nanocomposites. <i>Journal of Applied Polymer Science</i> , 2006, 101, 3862-3868.	1.3	28
15	Biodegradation and the dynamic mechanical properties of starch gelatinization in poly(ϵ -caprolactone)/corn starch blends. <i>Journal of Applied Polymer Science</i> , 2006, 102, 825-832.	1.3	20
16	Progressive Deterioration of Thermal Stability of Nanofilled Polypropylene. <i>International Journal of Polymer Analysis and Characterization</i> , 2006, 11, 455-468.	0.9	4
17	Preparation and Performance Evaluation of EPDM Nanocomposites under Accelerated Weathering. <i>Journal of Thermoplastic Composite Materials</i> , 2006, 19, 461-474.	2.6	7
18	Potential perspectives of bio-nanocomposites for food packaging applications. <i>Trends in Food Science and Technology</i> , 2007, 18, 84-95.	7.8	885

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21	Functional behaviour of polypropylene/ZnOâ€soluble starch nanocomposites. Nanotechnology, 2007, 18, 385702.	1.3	87
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36	Application of thermal analysis methods for characterization of polymer/montmorillonite nanocomposites. Journal of Thermal Analysis and Calorimetry, 2008, 93, 677-687.	2.0	120

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