

# New prospects in flame retardant polymer materials: From nanocomposites

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A novel intumescent flame-retardant system for flame-retarded LLDPE/EVA composites. Journal of Applied Polymer Science, 2009, 114, 3626-3635.	1.3	71
2	The influence of stearic acid coating on the properties of magnesium hydroxide, hydromagnesite, and hydrotalcite powders. Journal of Materials Science, 2009, 44, 6100-6109.	1.7	32
3	A review on flame retardant technology in China. Part I: development of flame retardants. Polymers for Advanced Technologies, 2010, 21, 1-26.	1.6	123
4	Fatty acid derived phosphorus-containing polyesters via acyclic diene metathesis polymerization. Journal of Polymer Science Part A, 2009, 47, 5760-5771.	2.5	64
5	Thermal stability and flame retardancy of polyurethanes. Progress in Polymer Science, 2009, 34, 1068-1133.	11.8	1,366
6	Combination of Carbon Nanotubes with Ni <sub>2</sub> O <sub>3</sub> for Simultaneously Improving the Flame Retardancy and Mechanical Properties of Polyethylene. Journal of Physical Chemistry C, 2009, 113, 13092-13097.	1.5	35
7	Recent Developments in the Chemistry of Cubic Polyhedral Oligosilsesquioxanes. Chemical Reviews, 2010, 110, 2081-2173.	23.0	1,422
8	Evaluation of sample preparation methods for elastomer digestion for further halogens determination. Analytical and Bioanalytical Chemistry, 2010, 397, 563-570.	1.9	41
9	Effect of expanded graphite/layered-silicate clay on thermal, mechanical and fire retardant properties of poly(lactic acid). Polymer Degradation and Stability, 2010, 95, 1063-1076.	2.7	151
10	Nanoclay and carbon nanotubes as potential synergists of an organophosphorus flame-retardant in poly(methyl methacrylate). Polymer Degradation and Stability, 2010, 95, 1523-1532.	2.7	132
11	Synthesis and thermal properties of spiro phosphorus compounds. Journal of Thermal Analysis and Calorimetry, 2010, 101, 281-287.	2.0	6
12	Grafted 2-chloroethylphosphonic acid on inorganic supports used as flame retardant for unsaturated polyester resins. Fire and Materials, 2010, 34, 271-283.	0.9	10
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14	Extrusion Foaming of Poly(styrene- <i>i&gt;acrylonitrile)/Clay Nanocomposites Using Supercritical CO<sub>2</sub>. Macromolecular Materials and Engineering, 2010, 295, 915-922.</i>	1.7	15
15	Processing, Structure, and Properties of PAN/MWNT Composite Fibers. Macromolecular Materials and Engineering, 2010, 295, 742-749.	1.7	38
16	Polymer/layered silicate (clay) nanocomposites: An overview of flame retardancy. Progress in Polymer Science, 2010, 35, 902-958.	11.8	956
17	Improved flame retardant properties of epoxy resin by fluorinated MMT/MWCNT additives. Journal of Analytical and Applied Pyrolysis, 2010, 89, 225-232.	2.6	59
18	Flame retardant epoxy complex produced by addition of montmorillonite and carbon nanotube. Journal of Industrial and Engineering Chemistry, 2010, 16, 891-895.	2.9	58

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20	Tailored flame retardancy via nanofiller dispersion state: Synergistic action between a conventional flame-retardant and nanoclay in high-impact polystyrene. <i>Polymer Degradation and Stability</i> , 2010, 95, 1759-1768.	2.7	25
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