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More information on the activities of Prof. Josè M. Kenny and his research group can be found in: www.unipg.it/materials.

Recent publications of Prof. Josè M. Kenny include:

“Formation of Carbon Nanotubes by Plasma Enhanced Chemical Vapor Deposition: Role of Nitrogen and Catalyst Layer Thickness”, L. Valentini, J. M. Kenny, L. Lozzi, S. Santucci, Journal of Applied Physics 92 (10), pp. 6188- 6194 (2002).

“Analysis of the Cure Reaction of Carbon Nanotubes/Epoxy Resin Composites Through Thermal Analysis and Raman Spectroscopy”, D. Puglia, L. Valentini, J. M. Kenny, Journal of Applied Polymer Science 88 (2), pp. 452-458 (2003).

“Morphological Characterization of Single-Walled Carbon Nanotubes-PP Composites”, L. Valentini, J. Biagiotti, J. M. Kenny, S. Santucci, Composites Science and Technology, 63, pp. 1149-1153 (2003).

“Physical and Mechanical Behaviour of Single-Walled Carbon Nanotubes/PP-EDPM Nanocomposites,” L. Valentini, J. Biagiotti, M. A. Lopez Manchado, J. M. Kenny, Journal of Applied Polymer Science 89. pp. 2657-2663 (2003).

“Effects of oxygen annealing on gas sensing properties of carbon nanotube thin films,” L. Valentini, L. Lozzi, C. Cantalini, I. Armentano, J. M. Kenny, L. Ottaviano, S. Santucci, Thin Solid Films 436, pp. 95-100 (2003).

IJ165 - "Pulsed Plasma Induced Alignment of Carbon Nanotubes", L. Valentini, I. Armentano, J. M. Kenny, L. Lozzi, S. Santucci, *Materials Letters* 57 (22-23), pp. 3699-3704 (2003).

"Electrical Transport Properties of Conjugated Polymer onto Self-Assembled Aligned Carbon Nanotubes", L. Valentini, I. Armentano, L. Lozzi, J. M. Kenny, S. Santucci, *Diamond and Related Materials* 12, pp. 1524-1531 (2003).

"Dielectric Behaviour of Epoxy Matrix/Single-Walled Carbon Nanotube Composites", L. Valentini, D. Puglia, E. Frulloni, I. Armentano, S. Santucci, J. M. Kenny, *Journal of Composites Science & Technology* 64 pp. 23-33 (2004).

"Processing and Characterization of Epoxy-Anhydride based Intercalated Nanocomposites", L. Torre, E. Frulloni, J. M. Kenny, C. Manfredi, G. Camino, *Journal of Applied Polymer Science* 90, pp. 2532-2539 (2003).

"Sensors for inorganic vapour detection based on carbon nanotubes and poly(*o*-anisidine) nanocomposite material", L. Valentini, V. Bavastrello, E. Stura, I. Armentano, C. Nicolini, J. M. Kenny, *Chemical Physics Letters* 383, pp. 617-622 (2004).

"A Deeper Understanding of the Photodesorption Mechanism of Aligned Carbon Nanotube Thin Films by Impedance Spectroscopy", L. Valentini, I. Armentano, D. Puglia, L. Lozzi, S. Santucci, J. M. Kenny, *Thin Solid Films* 449, pp. 105 (2004).

"Frequency Dependent Electrical Transport Properties of Conjugated Polymer onto Self-assembled Aligned Carbon Nanotubes", L. Valentini, I. Armentano, J. Biagiotti, E. Frulloni, J. M. Kenny, S. Santucci, *Diamond and Related Materials* 12(9), pp. 1601-1609 (2003).

"Processing, Properties and Stability of Biodegradable Composites based on Mater-Bi and Cellulose Fibres", D. Puglia, A. Tomassucci, J. M. Kenny, *Polymers for Advanced Technologies* 14, pp.749-756 (2003).

"Light Scattering Study of Vitrification during the Polymerization of Model Epoxy Resins", S. Corezzi, D. Fioretto, D. Puglia, J. M. Kenny, *Macromolecules* 36, pp. 5271-5278 (2003).

"Effects of Carbon Nanotubes on the Crystallization Kinetics of Polypropylene," L. Valentini, J. Biagiotti, M. A. Lopez-Manchado, S. Santucci, J. M. Kenny, *Polymer Engineering & Science* 44(2), pp. 303-311 (2004).

"Dynamic Mechanical and Raman Spectroscopy Studies on the Interaction between Single-Walled Carbon Nanotubes and Natural Rubber", M. A. Lopez Manchado, J. Biagiotti, L. Valentini, J. M. Kenny, *Journal of Applied Polymer Science* 92(5), pp. 3394-3400 (2004).

"Mechanical Properties of Polypropylene Matrix Composites Reinforced with Natural Fibres: A Statistical Approach," J. Biagiotti, S. Fiori, L. Torre, M. A. Lòpez-Manchado, J. M. Kenny, *Polymer Composites* 25(1), pp. 26-36.