REFFERENCES

[1] Isaac, M., and Daniel, O.I. Engineering mechanics of composite materials. 2nd ed. New York: Oxford University Press, 2006.

[2] Bhagwan, D.A, .and Lawrence J. B., Analysis and Performance of Fiber Composites, 1st ed. New York: Wiley, 1980.

[3] Sidney, H.G. Handbook of Thermoset Plastics. 2nd ed. United States of America : Noyes Publications,1998.

[4] Changwoon, J., and Thomas, E. L. Molecular dynamics simulation of vinyl ester resin crosslinking. American Institute of Aeronautics and Astronautics.

[5] William, F.S., and Hashemi, J. Foundations of Materials Science and Engineering. 4th ed. New York: McGraw- Hill Education, 2006.

[6] Jones, F.R. Handbook of polymer-fiber composites. 1st ed. New York: Longman Scientific & Technical, 1994.

[7] Ellis, B. Chemistry and Technology of Epoxy Resins. 1st ed. London: Chapman & Hall, 1993.

[8] Derosa, R., et al. Expanding the use of recycled SMC in BMCs. Journal of Thermoplastic Composite Materials January 7(1994): 56-63.

[9] Kamon, T. Curing Mechanisms and Mechanical Properties of Cured Epoxy Resins. Advanced in polymer science 80 (1986): 173-203.

[10] Liu, Y., et al. Recycling of carbon/epoxy composites. Journal of Applied Polymer Science 95 (2004):1912–1916.

[11] Dang, W., Kubouchi, M., Yamamoto, S., Sembokuya, H.,and Tsuda, K. Chemical recycling of glass fiber reinforced epoxy resin cured with amine using nitric acid. Polymer 46 (2005): 1905-1912.

[12] Skrifvars, M., and Nystrom, B., Material and energy recovery of composite waste by incineration, Poster presentation at Nardic Polymer days Stockholm, 13-15 June 2001.

[13] Torres, A., et al. Recycling by pyrolysis of thermoset composite: characteristics of the liquid and gaseous fuels obtained. Fuel 79 (2000): 897-202.

[14] Torres, A., et al. GC-MS analysis of liquid products obtained in the pyrolysis of fiber-glass polyester sheet moulding compound. Journal of Analitical and Aplied Pyrolysis 58-59 (2000): 189-203.

[15] Cunliffe, A. M., et al. Pyrolysis of composite plastic waste by pyrolysis. Environmental Technologyl 24 (2003): 653-663.

[16] Cunliffe, A. M., and Williams, P.T. Characterization of products from recycling of glass fiber reinforced polyester waste by pyrolysis. Fuel 82 (2003): 2223-2230.

[17] Tsai, W.T., et al. Fast pyrolysis of rice husk: Product yields and compositions. Bioresource Technology 98 (2007): 22–28.

[18] Lua, A. C., and Guo, J. Preparation and characterization of chars from oil palm waste. Carbon 36, (1998): 1663–1670.

[19] Sricharoenchaikul, V. et al. Preparation and characterization of activated carbon from the pyrolysis of physic nut (Jatropha curcas L.) waste. Energy & Fuels 22(2008): 31–37.

[20] Demirbas, A. Pyrolysis of municipal plastic wastes for recovery of gasoline-range hydrocarbons. Journal of Analitical and Aplied Pyrolysis 72 (2004) 97–102.

[21] Eugene, L.K. Applied Combustion. 2nd ed. New York: CRC press, 2007.

[22] Probstein, R. F. Synthetic fuels. 1st ed. New York: McGraw-Hill, 1982.

[23] Thailand, Ministry of Energy. Department of Energy Business. Specification and quality of diesel oil. 3, 2006.

[24] Lu, Q., et al. Overview of fuel properties of biomass fast pyrolysis oil. Energy conversions and management 50 (2009): 1376-1383.

[25] Marco, I., et al. Recycling of the products obtained in the pyrolysis of fibre-glass polyester SMC. Journal of Chemical Technology and Biotechnology 69 (1997): 187-192.

[26] Marco, I., et al. Recycling of the products obtained in the pyrolysis of fibre-glass polyester SMC. Journal of Chemical Technology and Biotechnology. 69 (1997): 187-192.

[27] Bhagwan, H. G.,et al. Handbook of Plant-Based Biofuels. 1st ed. New York: CRC press, 2009.

[28] Evan, S.J., et al. The effect of structure on thermal degradation of polyester resins. Thermochemica Acta 278 (1996): 77-89.

[29] Evans, S.J., et al. The thermal degradation of polyester resins II. The effects of cure and of fillers on degradation. Thermochim. Acta 291 (1997): 43-49.

[30] Regnier, N. and Mortaigne, B. Analysis by pyrolyciss/gas chromatography/mass spectrometry of glass fibre/vinylester thermal degradation products. Polymer Degradation and Stability. 49 (1995): 419-428.

[31] Karbhari, V.M., and Lee, R. Effect of E-Glass Fiber on the Cure Behavior of Vinyl ester Composite. Journal of Reinforced Plastics and Composites. 21 (2002): 901-917.

[32] Vlastaras, A.S. Thermal degradation of an anhydride-cured epoxy resin by laser. Journal of Physical Chemistry 74 (1970): 2496-2501.

[33] Maxwell, I.D and Richard, A.P. Low temperature rearrangement of amine cured epoxy resin. Polymer Degradation and Stability 5 (1983): 275-301.

[34] Mijovic , J. Cure Kinetics of Neat Versus Reinforced Epoxies. Journal of Applied Polymer Science 31 (1986) : 1177–1187.

[35] Régnier, A., and Fontaine, S. Determination of the thermal degradation kinetic parameters of carbon fiber reinforced epoxy using TG. Journal of Thermal Analysis and Calorimetry 64 (2001): 789-799.

[36] Walczak, E.K. Kinetics of thermal decomposition of unsaturated polyester resins with reduced flammability. Journal of Applied Polymer Science. 88 (2003): 2852.

[37] Barral, L., et al. Decomposition behavior of epoxy-resin systems cured by Diamines. European Polymer Journal 36 (2000): 1231-1240.

[38] Montserrat, S., et al. Thermal degradation kinetics of epoxy-anhydride resins: I. Infuence of a silica FIler Thermochimica Acta 313 (1998) 83-95.

[39] Saetiaw, K., et al. Thermal decomposition and kinetic study on different types of glass fiber/unsaturated polyester pipe waste. Materials Science Forum. 654-656 (2010): 2652-2655.

[40] Britoa, Z., et al. Kinetic Data and Mechanisms in Diglycidylether bisphenol A/ ethylenediamine with mono- and bimetallic fillers from digitized Thermogravimetric analysis International. Journal of Polymer Analysis and Characterization *5* (1996)*:* 127-136.

[41] Wampler, T.P. Applied Pyrolysis Handbook. 2nd ed. New York: CRC press, 2006.

[42] Goldfarb, J. and Mcguchan, R. Thermal degradation of polyester. Part II. Aromatic and semiaromatic polymers. Air Force Material Laboratory. Wright-Patterson Air Force Base, Ohio, Tech Rpt AFMLTR-68-182, Part I, October 1968.

[43] Lopez, F.A., et al. Thermolysis of fiberglass polyester composite and reutilization of the glass fiber residue obtain glass- ceramic materials. Journal of Analytical and Applied Pyrolysis 93 (2012): 104–112.

[44] Gallas, P.J., et al. Quantification of water and silanol species on various silicas by coupling IR spectroscopy and in-situ thermogravimetry. Langmuir 25 (2009):5825-5834.

[45] Quanli H., et al. High- frequenncy FTIR absorption of SoO_2/Si nanowires. Chemical Phyrolysis Letters 378 (2003):299-304.

[46] Scheirs, J and Kaminsky, W. Feedstock Recycling and Pyrolysis of Waste Plastics: Converting Waste Plastics into Diesel and Others. 2nd ed. New York: John Wiley and Sons, London, 2006.

[47] Sarah. A, Synthesis and characterization of some unsaturated polyester resins and their uses as anti chemical varnish coatings. Master of science, Chemistry, Faculty of Applied Science, Umm Al- Qura University, 2009.

[48] Cunliffe, A. M., et al. Recycling of fibre-reinforced polymeric waste by pyrolysis: thermo-gravimetric and bench-scale investigations. Journal of Analitical and Aplied Pyrolysis 70 (2003): 315-338.

[49] Islam, R.I., et al. Thermochemical conversion of sugarcane bagasse into bio-crude oils by fluidized-bed pyrolysis technology. Journal of Thermal Ssience and Technology 5 (2010): 11-23.

[50] Visco, A.M.., et al. Modification of polymer resin based composites induced by seawater absorption. Composite part A 39 (2008): 805-814.

[51] Jones, F.R., et al. Handbook of polymer – fiber composite. 1st ed. New York: Longman, 1994.

[52] Aruniit, A., et al. Influence of filler proportion on mechanical and physical properties of particulate composite. Agronomy Research Biosystem Engineering Special Issue 1 (2011): 23-29.

[53] Shao, Y.F.,et al. Effect of particle size, particle/matrix interface adhesion and particle loading on mechanical properties of particulate-polymer composites. Composite Part B 39 (2008): 933-961

[54] Suraj, C., et al. Characterization of the fracture behavior of epoxy reinforced with nonometer and micrometer sized aluminum particles. Composite science technology 66 (2006):2296-2305.