

REFERENCE LIST

- [1] Secretariat, Sri Lanka Rubber, “Sri Lanka Rubber Industry Development Master Plan 2017 -2026,” Battaramulla, 2017.
- [2] Board-web, Sri Lanka Export Development, 2018. [Online]. Available: <http://www.srilankabusiness.com/rubber/>. [Accessed 28 5 2019].
- [3] Adnan, Qahtan, “Rubber Fillers,” 2006.
- [4] H. E. Haxo, P. K. Mehta, “Ground Rice-hull ash a filler for Rubber,” California, 1974.
- [5] A Alnaid, N Z Noriman, O S Dahham, R Hamzah, T Adam, M N Al-Samarrai, m Mohammed, U A A Azalan, “Curing characteristics tensile and physical properties of rice straw filles standard Malysian rubber,” in *Journalof Physics*, Melaka, 2017.
- [6] Z.A.M.Ishak, A.Abu Bakar, U.S.Ishiaku, A.S.Hashim, B.Azahari, “An investigation of the potential of rice husk ash as a filler for epoxidized natural rubber—II. Fatigue behaviour,” *European Polymer Journal*, vol. 33, no. 1, pp. 73-79, 1997.
- [7] Arti maan, Utpal Kumar Niyogi, Anil Kumar Singh, Dayal Singh Mehra, Sunita Rattan, “Studies on Effect of a silane coupling agent (TESPS) on the properties of Fly ash-Naural composite,” 2015.
- [8] Saowaroj C, Aopeau I, Nuchanat N, Pranut P, “Effects of Particle Size and Amount of Carbon Black and Calcium Carbonate on Curing Characteristics and Dynamic Mechanical Properties of,” *Journal of Metals, Materials and Minerals*, vol. 12, pp. 51-57, 2 2012.
- [9] Sharda Dhadse, Pramila Kumari, L J Bhagia, “Fly ash characterization,

utilization and Government initiatives in India-A review,” *Scientific & Industrial Research*, vol. 67, 2008.

- [10] Susilo, Alfred J, “Enhancing the strength properties of Fly ash by adding Waste products,” Theses and Dissertations-Civil Engineering, kentucky, 2016.
- [11] Adnan Mujkanovie, Ljubica Vasiljevie, Gordana Ostojie, “Non-Black Fillers for Elastomers,” in *13th International Research/Expert Conference*, Hammamet, 2009.
- [12] I. U. Herath, “Fly ash composition of the first 21 shipment of the 2016/17 coal unloading season (LVC, Sri lanka),” 2018.
- [13] site, Sri Trang agro-Industry public company limited-Web, 1 2019. [Online]. Available: <https://www.sritrangroup.com/en/contact>. [Accessed 25 10 2019].
- [14] Pongdhorn Sae-oui, Chakrit Sirisinha, Puchong thaptong, “Utilization of limestone dust waste as filler in natural rubber,” *Springer*, 2009.
- [15] D. P. A. Kodippili, “Use of Nano Fly ash for Enhancing Properties of Concrete,” 2015.
- [16] M. Ahmaruzzaman, “A Review on the Utilization of fly ash,” *Elsevier*, 2010.
- [17] Richaed A. Kruger, Mark Hovy, David Wardle, “The use of Fly ash filler in Rubber,” *International Ash utilization Symposium*, 1999.
- [18] Erdal Cokca, Zeka Yilmaz, “Use of rubber and bentonite added fly ash as a liner material,” *Elaevier*, 2004.
- [19] X. Ren, “Use of Fly ash as Eco-friendly filler in synthetic rubber for tire application,” 2016.
- [20] Research, Shriram Institute for Industrial, “Development of fly ash filled rubber pavement tiles for side walk,” Fly ash unit(FAU), Department of science &

Technology, New Delli, 2010.

- [21] MonTech, “MonDispersion Data calculation,” 2018.
- [22] John X.J. Zhang, Kazunori Hoshino, “Molecular Sensor and Nanodevices,” 2019.
- [23] S.C. White, E.D Case, “Characterization of fly ash from coal-fired power plants,” *Materials Science*, 1990.
- [24] H.R. Fernandes, D.U. Tulyaganov a, J.M.F. Ferreira, “Preparation and characterization of foams from sheet glass and fly ash using carbonates as foaming agents,” *Elsevier*, 2007.
- [25] “Science learning hub,” 1 2018. [Online]. Available: <https://www.sciencelearn.org.nz/resources/469-carbonate-chemistry>. [Accessed 28 12 2019].
- [26] N. A. Mohd Nor, N.Othman, “Effect of Filler Loading on Curing Characteristic and Tensile Properties of Palygorskite Natural Rubber Nanocomposites,” *Procedia Chemistry*, pp. 351-358, 2016.
- [27] Bidkar.S, HPatil.A.G, Kapadi.U.R, Hundiware.D.G, “Evaluation of fly ash filled chloroprene elastomer composites,” *Indian Journal of Engineering and Materials Sciences*, 2005.
- [28] Khalid Balaed, N. Z. Noriman, Omar S. Dahham, S. T. Sam, R. Hamzah, M. F. Omar, “Characterization and Properties of low linear density polyethylene/Typha latifolia(LLDPE/TL) Composites,” *Internatinal Journal of Polymer Analysis and Characterization*, 2017.
- [29] Saban Bulbul, Nurettin Akcakale, Mustafa Yasar, Hakan Gokmese, “The Effect of Wood ash on the Mechanical properties of Rubber compounds,” *ReserchGate*, 2018.

- [30] M. P. Wagner, "Heat generation and rubber-filler coupling bonds," vol. 47, 1974.
- [31] Meinecke, Eberhard, "Effect of carbon-black loading and crosslink density on the heat build-up in elastomers," vol. 64, 1988.
- [32] N.K. Dutta, D.K. Tripathy, "Effect of types of fillers on the molecular relaxation characteristics, dynamic mechanical, and physical properties of rubber vulcanizates," *Applied polymer science*, vol. 44, 1992.
- [33] S. Thongsang, N. Sombatsompop, "Effect of Filler surface treatment on properties of fly ash/NR blends," Polymer Processing and flow group, school of Energy & Materials, Bangkok, 2015.
- [34] Kenvin, Jeffry, "Characterization of powders and porous materials with pharmaceutical excipient case studies," Micromeritics Instrument corporation, 2008.
- [35] Fazilet Cinaralp, Lorenzo Zullo, "Reinforcing Fillers in the Rubber Industry," *European Tyre and rubber manufacturers' Association*, 2012.