

DAFTAR PUSTAKA

- [1] J. C. Brody and J. W. Gillespie, "The effects of a thermoplastic polyester preform binder on vinyl ester resin," *J. Thermoplast. Compos. Mater.*, vol. 18, no. 3, pp. 157–179, 2005, doi: 10.1177/0892705705043535.
- [2] F. S. Nainggolan, "Pengaruh Penggunaan Filler Saat Serat Sansevieria Trifasciata Parain pada Komposit Polimer dengan Matriks Polyester Terhadap Sifat Mekanik Komposit," 2013.
- [3] S. A. N. Mohamed, E. S. Zainudin, S. M. Sapuan, M. D. Azaman, and A. M. T. Arifin, *Introduction to Natural Fiber Reinforced Vinyl Ester and Vinyl Polymer Composites*. Elsevier Ltd, 2018.
- [4] R. Lumintang, R. Soenoko, and S. Wahyudi, "Komposit Hibrid Polyester Berpenguat Serbuk Batang Dan Serat Sabut Kelapa," *Rekayasa Mesin*, vol. 2, no. 2, pp. 145–153, 2011, doi: 10.21776/ub.jrm.
- [5] H. Abral *et al.*, "Improving impact, tensile and thermal properties of thermoset unsaturated polyester via mixing with thermoset vinyl ester and methyl methacrylate," *Polym. Test.*, vol. 81, p. 106193, 2020, doi: 10.1016/j.polymertesting.2019.106193.
- [6] A. Min Min, T. G. Chuah, and T. R. Chantara, "Thermal and dynamic mechanical analysis of polyethylene modified with crude palm oil," *Mater. Des.*, vol. 29, no. 5, pp. 992–999, 2008, doi: 10.1016/j.matdes.2007.03.023.
- [7] C. T. Ratnam, A. M. Min, T. G. Chuah, A. R. Suraya, T. S. Y. Choong, and W. H. W. Hasamuddin, "Physical properties of polyethylene modified with crude palm oil," *Polym. - Plast. Technol. Eng.*, vol. 45, no. 8, pp. 917–922, 2006, doi: 10.1080/03602550600723563.
- [8] S. T. Methods, "Standard Test Methods for Plane-Strain Fracture Toughness and Strain Energy Release Rate of Plastic Materials 1," vol. i, pp. 1–10, doi:

- 10.1520/D5045-14.priate.
- [9] B. M. Law, "Rawlings," *Music. Times*, vol. 126, no. 1712, p. 583, 1985, doi: 10.2307/964910.
- [10] P. M. Groover, *Fundamentals Of Modern Manufacturing Materials, Processes, and Systems*. United States of America, 2010.
- [11] H. N. Sari and Suteja, *Polimer Termoset*. 2021.
- [12] W. P. Limited, *Polyesters and polyamides*. 2008.
- [13] B. Benmokrane, O. Chaallal, and R. Masmoudi, "Glass fibre reinforced plastic (GFRP) rebars for concrete structures," *Constr. Build. Mater.*, vol. 9, no. 6, pp. 353–364, 1995, doi: 10.1016/0950-0618(95)00048-8.
- [14] H. Ardhyanta et al, "Mechanical and Thermal Properties of Unsaturated Polyester / Vinyl Ester Blends Cured at Room Temperature Mechanical and Thermal Properties of Unsaturated Polyester / Vinyl Ester Blends Cured at Room Temperature," doi: 10.1088/1757-899X/202/1/012088.
- [15] U. Ali, K. J. B. A. Karim, and N. A. Buang, "A Review of the Properties and Applications of Poly (Methyl Methacrylate) (PMMA)," *Polym. Rev.*, vol. 55, no. 4, pp. 678–705, 2015, doi: 10.1080/15583724.2015.1031377.
- [16] A. J. Dijkstra, *Palm Oil*. 2015.
- [17] M. S. Yahayaa, N. A. Raof, Z. Ibrahim, A. Ahmad, and C. Gomes, "Modifications required for palm oil to be qualified as a mechanical lubricant," *Int. J. Manuf. Mater. Mech. Eng.*, vol. 9, no. 1, pp. 50–66, 2019, doi: 10.4018/IJMMME.2019010104.
- [18] R. Mungroo, N. C. Pradhan, V. V. Goud, and A. K. Dalai, "Epoxidation of canola oil with hydrogen peroxide catalyzed by acidic ion exchange resin," *JAACS, J. Am. Oil Chem. Soc.*, vol. 85, no. 9, pp. 887–896, 2008, doi: 10.1007/s11746-008-1277-z.

- [19] W. D. J. Callister 1940- and D. G. Rethwisch, *Fundamentals of materials science and engineering : an integrated approach LK* - <https://ut.on.worldcat.org/oclc/987666307>. 2016.
- [20] M. T. Albdiry and B. F. Yousif, "Toughening of brittle polyester with functionalized halloysite nanocomposites," *Compos. Part B*, vol. 160, no. August 2018, pp. 94–109, 2019, doi: 10.1016/j.compositesb.2018.10.032.
- [21] Y. Zeng, "Feasibility Study of Cohesive Zone Model on Crack Propagation in Pipeline Steel Under Monotonic and Fatigue Loading," no. February, 2015.

