

DAFTAR PUSTAKA

- Alam, A. K. M. M., Shubhra, Q. T. H., Al-Imran, G., Barai, S., Islam, M. R., & Rahman, M. M. (2011). Preparation and characterization of natural silk fiber-reinforced polypropylene and synthetic E-glass fiber-reinforced polypropylene composites: A comparative study. *Journal of Composite Materials*, 45(22), 2301–2308. <https://doi.org/10.1177/0021998311401082>
- Al-Saleh, M. H., & Sundararaj, U. (2010). Processing-microstructure-property relationship in conductive polymer nanocomposites. *Polymer*, 51(12), 2740–2747. <https://doi.org/10.1016/j.polymer.2010.03.022>
- Aryanti, F. I. (2020). *MODUL PRAKTIK KIMIA POLIMER*.
- ASTM International D638-14. (2015). *Standard Test Method for Tensile Properties of Plastics 1*. <https://doi.org/10.1520/D0638-14>
- ASTM International D790-03. (2015). *Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials 1*.
- ASTM International D1238-13. (2015). *Standard Test Method for Melt Flow Rates of Thermoplastics by Extrusion Plastometer 1*. <https://doi.org/10.1520/D1238-13>
- Barkoula, N.-M., & Karger-Kocsis, J. (2002). Effects of fibre content and relative fibre-orientation on the solid particle erosion of GF/PP composites. *Wear*, 252, 80–87.
- Campbell, F. C. (2010). *Structural Composite Materials*. www.asminternational.org
- Carraher, C. E., & Seymour, R. B. (Raymond B. (2003). *Polymer Chemistry*. M. Dekker.
- de Oliveira, C. I. R., Rocha, M. C. G., de Assis, J. T., & da Silva, A. L. N. (2019). Morphological, mechanical, and thermal properties of PP/SEBS/talc composites. Dalam *Journal of Thermoplastic Composite Materials* (Vol. 35, Issue 2, hlm. 281–299). SAGE Publications Ltd. <https://doi.org/10.1177/0892705719876678>
- Deswita, Karo, A. K., & Sudirman. (2002). PENGARUH PENAMBAHAN FILLER JERAMI TERHADAP SIFAT MEKANIK DAN TERMAL KOMPOSIT BERBASIS POLIPROPILENA. *PENGARUH PENAMBAHAN FILLER JERAMI TERHADAP SIFAT MEKANIK DAN TERMAL KOMPOSIT BERBASIS POLIPROPILENA*, 225–228.

- Elhousari, A. M., Rashad, M., Elsheikh, A. H., & Dewidar, M. (2021). The effect of rubber powder additives on mechanical properties of polypropylene glass-fiber-reinforced composite. *Mechanical Sciences*, 12(1), 461–469. <https://doi.org/10.5194/ms-12-461-2021>
- Fitri, M., & Mahzan, S. (2018). *Influence of Coupling Agent and Fibre Treatment to Mechanical Properties of Oil Palm Fibre Reinforced Polymer Matrix Composite.*
- Giles, H. F., Wagner, J. R., & Mount, E. M. (2005). *Extrusion : the definitive processing guide and handbook.* William Andrew Pub.
- Goff, J., & Whelan, T. (2000). *The Dynisco Extrusion Processors Handbook 2nd edition.*
- Jalil, S. A., Zulkifli, & Rahayu, T. (2017). Analisa Kekuatan Impak Pada Penyambungan Pengelasan SMAW Material ASSAB 705 Dengan Variasi Arus Pengelasan. *Jurnal Polimesin (ISSN: 1693-5462)*, Volume 15, Nomor 2, Agustus 201758ANALISA KEKUATAN IMPAK PADA PENYAMBUNGAN PENGELASAN SMAW MATERIAL ASSAB 705 DENGAN VARIASI ARUS PENGELASAN, 53–63.
- Kaiser, W. (2006). *Kunststoffchemie für Ingenieure.* www.kunststoffe.de
- Kallel, T. K., Taktak, R., Guermazi, N., & Mnif, N. (2018). Mechanical and structural properties of glass fiber-reinforced polypropylene (PPGF) composites. *Polymer Composites*, 39(10), 3497–3508. <https://doi.org/10.1002/pc.24369>
- Karian, H. G. (1999). *Handbook of polypropylene and polypropylene composites.* Marcel Dekker.
- Kartini, R., Darmasetiawan, H., Karo, A. K., & Sudirman, D. (2002). PEMBUATAN DAN KARAKTERISASI KOMPOSIT POLIMER BERPENGUAT SERAT ALAM. Dalam *Jurnal Sains Materi Indonesia Indonesian Journal of Materials Science* (Vol. 3, Issue 3).
- Koleske, Dr. J. v., Springate, R., & Brezinski, Dr. D. (2011). Additives handbook. Dalam *PAINT & COATINGS INDUSTRY*.
- Kord, B. (2011). Influence of Maleic Anhydride on the Flexural, Tensile and Impact Characteristics of Sawdust Flour Reinforced Polypropylene Composite. *World Applied Sciences Journal*, 12(7), 1014–1016.
- Kusuma, R. C., Jokosisworo, S., & Wibawa Budi, A. S. (2017). JURNAL TEKNIK PERKAPALAN Analisis Perbandingan Kekuatan Tarik, Impak, Tekuk dan Mikrografi Aluminium 5083 Pasca Pengelasan TIG (Tungsten Inert Gas) dengan Media Pendingin Air Laut dan Oli. *Jurnal Teknik Perkapalan*, 5(4), 585. <http://ejournal3.undip.ac.id/index.php/naval>

- Lin, J. H., Huang, C. L., Liu, C. F., Chen, C. K., Lin, Z. I., & Lou, C. W. (2015). Polypropylene/short glass fibers composites: Effects of coupling agents on mechanical properties, thermal behaviors and morphology. *Materials*, 8(12), 8279–8291. <https://doi.org/10.3390/ma8125451>
- Maddah, H. A. (2016). Polypropylene as a Promising Plastic: A Review. *American Journal of Polymer Science*, 6(1), 1–11. <https://doi.org/10.5923/j.ajps.20160601.01>
- Maier, Clive., & Calafut, Teresa. (1998). *Polypropylene: the definitive user's guide and databook*. Plastics Design Library.
- Mallick, P. (2008). *Fiber Reinforced Composites Materials, Manufacturing, and Design*.
- Manjunatha, G., & Kumar L, V. K. (2016). Effect of Polypropylene/Glass Fiber on the Mechanical Properties of Polymer Composites. *International Research Journal of Engineering and Technology*. www.irjet.net
- Murphy J. (2001). *Additives for Plastics Handbook 2nd Edition*.
- Nastaj, A., & Wilczyński, K. (2021). Optimization and scale-up for polymer extrusion. Dalam *Polymers* (Vol. 13, Issue 10). MDPI AG. <https://doi.org/10.3390/polym13101547>
- Oliver-Ortega, H., Granda, L. A., Espinach, F. X., Delgado-Aguilar, M., Duran, J., & Mutjé, P. (2016). Stiffness of bio-based polyamide 11 reinforced with softwood stone ground-wood fibres as an alternative to polypropylene-glass fibre composites. *European Polymer Journal*, 84, 481–489. <https://doi.org/10.1016/j.eurpolymj.2016.09.062>
- Prashanth, S., Subbaya, K., Nithin, K., & Sachhidananda, S. (2017). Fiber Reinforced Composites - A Review. *Journal of Material Science & Engineering*, 06(03). <https://doi.org/10.4172/2169-0022.1000341>
- Ray, K., Patra, H., Swain, A. K., Parida, B., Mahapatra, S., Sahu, A., & Rana, S. (2020). Glass/jute/sisal fiber reinforced hybrid polypropylene polymer composites: Fabrication and analysis of mechanical and water absorption properties. *Materials Today: Proceedings*, 33, 5273–5278. <https://doi.org/10.1016/j.matpr.2020.02.964>
- Schwart, M. M. (1984). *COMPOSITE MATERIALS HANDBOOK* (Vol. 3).
- Suryanto, H. (2019). *Biokomposit Starch-Nanoclay: Sintesis dan Karakterisasi*.
- Sutiani, D. A., & Si, M. (2009). *METODA KARAKTERISASI BAHAN POLIMER* (Issue 10).
- Torrecillas, H. v., Costa, L. C., & Souza, A. M. C. (2018). Influence of mixing protocol on the morphology and mechanical properties of PP/SEBS/MMT

- and PP/SEBS/PPgMA/MMT blends. *Polymer Testing*, 72, 322–329. <https://doi.org/10.1016/j.polymertesting.2018.10.041>
- Vuluga, Z., Sanporean, C. G., Panaitescu, D. M., Teodorescu, G. M., Corobeia, M. C., Nicolae, C. A., Gabor, A. R., & Raditoiu, V. (2021). The effect of sebs/halloysite masterbatch obtained in different extrusion conditions on the properties of hybrid polypropylene/glass fiber composites for auto parts. *Polymers*, 13(20). <https://doi.org/10.3390/polym13203560>
- Wang, Q., Zhang, Y., Liang, W., Wang, J., & Chen, Y. (2020). Effect of silane treatment on mechanical properties and thermal behavior of bamboo fibers reinforced polypropylene composites. *Journal of Engineered Fibers and Fabrics*, 15. <https://doi.org/10.1177/1558925020958195>
- Watanabe, R., Sugahara, A., Hagihara, H., Mizukado, J., & Shinzawa, H. (2020). Insight into interfacial compatibilization of glass-fiber-reinforced polypropylene (PP) using maleic-anhydride modified PP employing infrared spectroscopic imaging. *Composites Science and Technology*, 199. <https://doi.org/10.1016/j.compscitech.2020.108379>
- Wiley, A. J. &, & Sons. (2006). PRINCIPLES OF POLYMER PROCESSING Second Edition. Dalam *An SPE*. John Wiley & Sons, Inc., Publication.
- Zhang, Z., & Friedrich, K. (2003). Artificial neural networks applied to polymer composites: A review. *Composites Science and Technology*, 63(14), 2029–2044. [https://doi.org/10.1016/S0266-3538\(03\)00106-4](https://doi.org/10.1016/S0266-3538(03)00106-4)
- Zulnazri, & Dewi R. (2012). *PERBANDINGAN KETEBALAN SERAT DALAM MENINGKATKAN KUALITAS KOMPOSIT POLIPROPILENE DAUR ULANG DENGAN METODE CETAK TEKAN*. 65–78.