

DAFTAR PUSTAKA

- Albis. (2020). *Altech PP-H A GF 20 CP*. www.albis.com
- ASTM International. (2019). *Designation: D790-17 Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials*.
- Athar, T. (2015). Smart precursors for smart nanoparticles. *Emerging Nanotechnologies for Manufacturing*, 444–538. <https://doi.org/10.1016/B978-0-323-28990-0.00017-8>
- Baur, E., Osswald, T. A., & Rudolph, N. (2019). Plastic Materials. In *Plastics Handbook* (pp. 337–578). Carl Hanser Verlag GmbH & Co. KG. <https://doi.org/10.3139/9781569905609.005>
- Bettini, S. H. P., & Agnelli, J. A. M. (1999). Grafting of Maleic Anhydride onto Polypropylene by Reactive Processing. II. Effect of Rotor Speed and Reaction Time. In *J Appl Polym Sci* (Vol. 74).
- Callister, W. D., Jr., & Rethwisch, D. G. (2018). *Fundamentals of Materials Science and Engineering* (5th edition). John Wiley & Sons.
- Celenase. (2016). *TECNOPRENE® Z60K4UIA-PP*.
- Chen, M., Wan, C., Shou, W., Zhang, Y., Zhang, Y., & Zhang, J. (2008). Effects of interfacial adhesion on properties of polypropylene/wollastonite composites. *Journal of Applied Polymer Science*, 107(3), 1718–1723. <https://doi.org/10.1002/app.23535>
- Chen, W., Bikiaris, D., Matzinos, P., Larena, A., Flaris, V., & Panayiotou, C. (n.d.). *Related papers The Recycling of Commuinut ed Glass-Fiber-Reinforced Resin from Electronic Waste Use of Silane Agents and Poly(propylene-g-maleic anhydride)Copolymeras Adhesions Promoters in Glass Fiber/Polypropylene Composites*.
- Etcheverry, M., & Barbosa, S. E. (2012). Glass fiber reinforced polypropylene mechanical properties enhancement by adhesion improvement. *Materials*, 5(6), 1084–1113. <https://doi.org/10.3390/ma5061084>
- Hasanuzzaman, M., Rafferty, A., Sajjia, M., & Olabi, A.-G. (2016). Properties of Glass Materials. In *Reference Module in Materials Science and Materials Engineering*. Elsevier. <https://doi.org/10.1016/b978-0-12-803581-8.03998-9>
- Kalpakjian, S., Schmid, S. R., & Sekar, K. S. V. (2021). *Manufacturing engineering and technology* (7th edition). Pearson Education.
- 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>
- Mohamed, M. A., Jaafar, J., Ismail, A. F., Othman, M. H. D., & Rahman, M. A. (2017). Fourier Transform Infrared (FTIR) Spectroscopy. *Membrane Characterization*, 3–29. <https://doi.org/10.1016/B978-0-444-63776-5.00001-2>

- Mohrig, J. R., Alberg, D. G., Hofmeister, G. E., Schatz, P. F., & Hammond, C. N. (2014). *Laboratory Techniques in Organic Chemistry Supporting Inquiry-Driven Experiments Supporting Inquiry-Driven Experiments* (4th ed.). W. H. Freeman and Company. www.whfreeman.com/labpartner
- Murphy, J. (2001). *Additives for Plastics*.
- Nayak, S. K., & Mohanty, S. (2010). Sisal glass fiber reinforced PP hybrid composites: Effect of MAPP on the dynamic mechanical and thermal properties. *Journal of Reinforced Plastics and Composites*, 29(10), 1551–1568. <https://doi.org/10.1177/0731684409337632>
- Nofar, M., Ozgen, E., & Girginer, B. (2020). Injection-molded PP composites reinforced with talc and nanoclay for automotive applications. *Journal of Thermoplastic Composite Materials*, 33(11), 1478–1498. <https://doi.org/10.1177/0892705719830461>
- Pal, T., Pramanik, S., Verma, K. D., Naqvi, S. Z., Manna, P. K., & Kar, K. K. (2022). Fly ash-reinforced polypropylene composites. *Handbook of Fly Ash*, 243–270. <https://doi.org/10.1016/B978-0-12-817686-3.00021-9>
- Pruthikul, R., & Liewchirakorn, P. (2010). Preparation of polypropylene graft maleic anhydride (PP-g-MA) via twin screw extrusion. *Advanced Materials Research*, 93–94, 451–454. <https://doi.org/10.4028/WWW.SCIENTIFIC.NET/AMR.93-94.451>
- Rajak, D. K., Pagar, D. D., Menezes, P. L., & Linul, E. (2019). Fiber-reinforced polymer composites: Manufacturing, properties, and applications. In *Polymers* (Vol. 11, Issue 10). MDPI AG. <https://doi.org/10.3390/polym11101667>
- 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>
- Saravana Kumar, N., Vinothkumar, G., Vinothkumar, C., & Prabhu, M. (2018). Experimental Investigation on Mechanical Behavior of E-Glass and S-Glass Fiber Reinforced with Polyester Resin. In *SSRG International Journal of Mechanical Engineering (SSRG-IJME)* (Vol. 5). www.internationaljournalssrg.org
- Sathishkumar, T. P., Satheeshkumar, S., & Naveen, J. (2014). Glass fiber-reinforced polymer composites - A Review. In *Journal of Reinforced Plastics and Composites* (Vol. 33, Issue 13, pp. 1258–1275). SAGE Publications Ltd. <https://doi.org/10.1177/0731684414530790>
- Songhan. (2021). *RTP Company RTP 103 White Polypropylene (PP), Glass Fiber-NSF®*. http://www.lookpolymers.com/polymer_RTP-Company-RTP-103-White-Polypropylene-PP-Glass-Fiber-NSF.php
- Watanabe, R., Sugahara, A., Hagiwara, H., Sato, H., Mizukado, J., & Shinzawa, H. (2020a). Study of matrix-filler interaction of polypropylene/silica composite by combined infrared (IR) spectroscopic imaging and disrelation mapping. *Composites Part A: Applied Science and Manufacturing*, 128. <https://doi.org/10.1016/j.compositesa.2019.105658>
- Watanabe, R., Sugahara, A., Hagiwara, H., Sato, H., Mizukado, J., & Shinzawa, H. (2020b). 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>
- Weiguo, D. (2020). High flow polypropylene composites reinforced by glass filaments: Manufacturing process and property evaluations. *Journal of Thermoplastic Composite Materials*.
<https://doi.org/10.1177/0892705720939148>
- Zulnazri, & Rozanna, D. (2012). Perbandingan Ketebalan Serat dalam Meningkatkan Kualitas Komposit Polipropilen Daur Ulang dengan Metode Cetak Tekan. *Jurnal Teknologi Kimia Unimal*, 65–78.