

DAFTAR PUSTAKA

- Borowicz, M., Paciorek-Sadowska, J., Lubczak, J., & Czupryński, B. (2019). Biodegradable, flame-retardant, and bio-based rigid polyurethane/polyisocyanurate foams for thermal insulation application. *Polymers*, 11(11). <https://doi.org/10.3390/polym11111816>
- Chung, Y. C., Lee, D. H., Choi, J. W., & Chun, B. C. (2018). Application of recycled polyol and benzimidazole to the enhancement of antifungal activity of polyurethane. *Journal of Applied Polymer Science*, 135(32), 1–11. <https://doi.org/10.1002/app.46600>
- Czél, G., Vanyorek, L., Sycheva, A., Kerekes, F., Szőri-Dorogházi, E., & Janovszky, D. (2021). Antimicrobial effect of silver nanoparticles plated natural zeolite in polyurethane foam. *Express Polymer Letters*, 15(9), 853–864. <https://doi.org/10.3144/expresspolymlett.2021.68>
- Czonka, S., Strakowska, A., Strzelec, K., Kairyte, A., & Kremensas, A. (2020). Bio-based polyurethane composite foams with improved mechanical, thermal, and antibacterial properties. *Materials*, 13(5), 1–20. <https://doi.org/10.3390/ma13051108>
- Dutta, A. S. (2018). Polyurethane Foam Chemistry. In *Recycling of Polyurethane Foams*. Elsevier Inc. <https://doi.org/10.1016/b978-0-323-51133-9.00002-4>
- Felline, F., Rosato, C., Scatto, M., Tinti, A., Scopece, P., & Nacucchi, M. (2016). Active Polymer Nanocomposites: Application in Thermoplastic Polymers and in Polymer Foams. *IEEE Transactions on Nanotechnology*, 15(6), 896–903. <https://doi.org/10.1109/TNANO.2016.2578045>
- Janik, H., Sienkiewicz, M., & Kucinska-Lipka, J. (2014). Polyurethanes. In *Handbook of Thermoset Plastics*. <https://doi.org/10.1016/B978-1-4557-3107-7.00009-9>
- Khan, S. U., Sultan, M., Islam, A., Sabir, A., Hafeez, S., Bibi, I., Ahmed, M. N., Khan, S. M., Khan, R. U., & Iqbal, M. (2021). Sodium alginate blended membrane with polyurethane: Desalination performance and antimicrobial activity evaluation. *International Journal of Biological Macromolecules*, 182, 72–81. <https://doi.org/10.1016/j.ijbiomac.2021.03.188>

- Mohamed, D. J., Hadi, N. J., & Alobad, Z. K. (2021). Investigation of the Polyol Types and Isocyanate Concentrations on the Rheological, Morphological and Mechanical Properties of Polyurethane Foams. *IOP Conference Series: Materials Science and Engineering*, 1094(1), 012157. <https://doi.org/10.1088/1757-899x/1094/1/012157>
- Qu, Z., Yin, D., Zhou, H., Wang, X., & Zhao, S. (2019). Cellular morphology evolution in nanocellular poly (lactic acid)/thermoplastic polyurethane blending foams in the presence of supercritical N₂. *European Polymer Journal*, 116(December 2018), 291–301. <https://doi.org/10.1016/j.eurpolymj.2019.03.046>
- Rahman, R., Zhafer, S., & Syed, F. (2019). 5 - Tensile properties of natural and synthetic fiber-reinforced polymer composites. In *Mechanical and Physical Testing of Biocomposites, Fibre-Reinforced Composites and Hybrid Composites*. Elsevier Ltd. <https://doi.org/10.1016/B978-0-08-102292-4.00005-9>
- Sportelli, M. C., Picca, R. A., Ronco, R., Bonerba, E., Tantillo, G., Pollini, M., Sannino, A., Valentini, A., Cataldi, T. R. I., & Cioffi, N. (2016). Investigation of industrial polyurethane foams modified with antimicrobial copper nanoparticles. *Materials*, 9(7), 1–13. <https://doi.org/10.3390/ma9070544>
- Teknologi, J., Oktariani, E., & Sari, L. R. (2021). *Potensi Zeolit Alam dalam Meningkatkan Sifat Termal Busa Poliuretan*. 2, 53–58. <https://doi.org/10.52330/jtm.v19i2.40>
- Teodoro, R. A. R., do Carmo, E. L., Borges, S. V., Botrel, D. A., Marques, G. R., Campelo-Felix, P. H., Silva, E. K., & Fernandes, R. V. de B. (2019). Effects of ultrasonication on the characteristics of emulsions and microparticles containing Indian clove essential oil. *Drying Technology*, 37(9), 1162–1172. <https://doi.org/10.1080/07373937.2018.1492611>
- Yang, R. (2018). Analytical Test Methods for Polymer Characterization. In *Elastomer Technology Handbook* (pp. 1–78). CRC Press. <https://doi.org/10.1201/9780138758851-1>