

DAFTAR PUSTAKA

- Achilias, D. S., Roupakias, C., Megalokonomos, P., Lappas, A. A., & Antonakou, V. (2007). Chemical recycling of plastic wastes made from polyethylene (LDPE and HDPE) and polypropylene (PP). *Journal of Hazardous Materials*, *149*(3), 536–542. <https://doi.org/10.1016/j.jhazmat.2007.06.076>
- Anggiani, M. (2020). Potensi mikroorganisme sebagai agen bioremediasi mikroplastik di laut. *Oseana*, *45*(2), 40–49.
- Asensio, C., Ruth, San Andrés Moya, M., De La Roja, J. M., & Gómez, M. (2009). Analytical characterization of polymers used in conservation and restoration by ATR-FTIR spectroscopy. *Analytical and Bioanalytical Chemistry*, *395*(7), 2081–2096. <https://doi.org/10.1007/s00216-009-3201-2>
- ASTM D2244-15a. (2015). Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates 1. *Annual Book of ASTM Standards*, *i*, 1–10. <https://doi.org/10.1520/D2244-15A.2>
- Battegazzore, D., Cravero, F., & Frache, A. (2020). Is it possible to mechanical recycle the materials of the disposable filtering masks? *Polymers*, *12*(11), 1–18. <https://doi.org/10.3390/polym12112726>
- Billmeyer, F. W. (1963). Textbook of polymer science. In *Kobunshi* (Vol. 12, Nomor 3). <https://doi.org/10.1295/kobunshi.12.240>
- Brate, I. L., Halsband, C., Allan, I., & Thomas, K. V. (2014). *Microplastics in marine environments : occurrence, distribution and effects* (Nomor March 2015).
- Chellamani, K. P., Veerasubramanian, D., & Vignesh Balaji, R. S. (2013). Surgical face masks: manufacturing methods and classification. *Journal of Academia and Industrial Research*, *2*(6), 320–322.
- Choudhury, A. K. R. (2015). Principles of colour appearance and measurement: object appearance, colour perception and instrumental measurement. In *Woodhead Publishing* (Vol. 1). <https://doi.org/10.1533/9780857099242.1>
- Christianty, D., Gavra, S. F., & Masyithah, Z. (2015). Kristalisasi likopen dari buah tomat (*Lycopersicon esculentum*) menggunakan antisolvent. *Jurnal Teknik Kimia USU*, *4*(4), 39–45. <https://doi.org/10.32734/jtk.v4i4.1512>
- Delgado, J. A., Águeda, V. I., Uguina, M. A., Sotelo, J. L., & García, A. (2015). Separation of ethanol – water liquid mixtures by adsorption on BPL activated carbon with air regeneration. *SEPARATION AND PURIFICATION TECHNOLOGY*, *149*, 370–380. <https://doi.org/10.1016/j.seppur.2015.06.011>
- Department of health and human services food and drug administration USA. (2019). *Indications for use: 510(k) number K211097*.

- Dharmaraj, S., Ashokkumar, V., Hariharan, S., Manibharathi, A., Show, P. L., Chong, C. T., & Ngamcharussrivichai, C. (2021). The COVID-19 pandemic face mask waste: a blooming threat to the marine environment. *Chemosphere*, 272, 129601. <https://doi.org/10.1016/j.chemosphere.2021.129601>
- Geankoplis, C. J. (1993). Transport processes and unit operations. In *The Chemical Engineering Journal* (Third, Vol. 20, Nomor 1). [https://doi.org/10.1016/0300-9467\(80\)85013-1](https://doi.org/10.1016/0300-9467(80)85013-1)
- Gorre, C., & Tumolva, T. P. (2020). Solvent and non-solvent selection for the chemical recycling of waste Polyethylene (PE) and Polypropylene (PP) metallized film packaging materials. *IOP Conference Series: Earth and Environmental Science*, 463(1). <https://doi.org/10.1088/1755-1315/463/1/012070>
- Guerra, E. S., & Lima, E. V. (2013). Handbook of polymer synthesis, characterization, and processing. In *John Wiley & Sons, Inc., Hoboken, New Jersey*. <https://doi.org/10.1016/B978-1-891127-59-5.50033-X>
- Hidayati, B. N., Julianto, T. S., & Rubianto, D. (2016). Studi perlakuan reaksi isomerisasi 3-Carene menjadi 4-Carene menggunakan katalis Natrium-O-Klorotoluena. *Chemical*, 1(2), 10–17. <https://doi.org/10.20885/ijcr.vol1.iss2.art2>
- Huang, J., Yan, D., Dong, H., Li, F., Lu, X., & Xin, J. (2021). Removal of trace amount impurities in glycolytic monomer of polyethylene terephthalate by recrystallization. *Journal of Environmental Chemical Engineering*, 9(5), 106277. <https://doi.org/10.1016/j.jece.2021.106277>
- Joseph, B., James, J., Kalarikkal, N., & Thomas, S. (2021). Recycling of medical plastics. *Advanced Industrial and Engineering Polymer Research*, 4(3), 199–208. <https://doi.org/10.1016/j.aiepr.2021.06.003>
- Jung, M. R., Horgen, F. D., Orski, S. V., Rodriguez C., V., Beers, K. L., Balazs, G. H., Jones, T. T., Work, T. M., Brignac, K. C., Royer, S. J., Hyrenbach, K. D., Jensen, B. A., & Lynch, J. M. (2018). Validation of ATR FT-IR to identify polymers of plastic marine debris, including those ingested by marine organisms. *Marine Pollution Bulletin*, 127(November 2017), 704–716. <https://doi.org/10.1016/j.marpolbul.2017.12.061>
- Kementerian Kesehatan RI. (2020). Pedoman kelola limbah masker masyarakat. In *Kemenkes RI* (hal. 1). https://covid19.kemkes.go.id/download/Pedoman_Kelola_Limbah_Masker_Masyarakat.pdf
- Li, B., Wei, P., de Leon, A., Frey, T., & Pentzer, E. (2017). Polymer composites with photo-responsive phthalocyanine for patterning in color and fluorescence. *European Polymer Journal*, 89(November 2016), 399–405. <https://doi.org/10.1016/j.eurpolymj.2017.02.042>
- Maddah, H. (2016). Polypropylene as a promising plastic: a review. *American Journal of Polymer Science*. <https://doi.org/10.5923/j.ajps.20160601.01>

- Menyhárd, A., Menczel, J. D., & Abraham, T. (2020). Polypropylene fibers. *Thermal Analysis of Textiles and Fibers*, 205–222. <https://doi.org/10.1016/b978-0-08-100572-9.00012-4>
- Pathare, P. B., Opara, U. L., & Al-Said, F. A. J. (2013). Colour measurement and analysis in fresh and processed foods: A Review. *Food and Bioprocess Technology*, 6(1), 36–60. <https://doi.org/10.1007/s11947-012-0867-9>
- Roop, C. B. (1970). Activated carbon adsorption. In *Chromatographia* (Vol. 3, Nomor 1). <https://doi.org/10.1007/BF02276400>
- Rositawati, A. L., Taslim, C. M., & Soetrisnanto, D. (2013). Rekristalisasi garam rakyat dari daerah demak untuk mencapai SNI garam industri. *Jurnal Teknologi*, 2(4), 217–225. <http://ejournal-s1.undip.ac.id/index.php/jtki%0As1.undip.ac.id/index.php/jtki%0A>
- Russell, S. J. (2007). *Handbook of nonwovens*. Pers CRC.
- Sangkham, S. (2020). Face mask and medical waste disposal during the novel COVID-19 pandemic in asia. *Case Studies in Chemical and Environmental Engineering*, 2(September), 100052. <https://doi.org/10.1016/j.cscee.2020.100052>
- Sastri, V. R. (2010). Plastics in medical devices. In *Plastics in Medical Devices*. <https://doi.org/10.1016/c2020-0-01878-5>
- Shakoor, H., Ibrahim, M., Usman, M., Mehmood, M. A., Abbas, F., Rasool, N., Mehmood, M. A., Abbas, F., Rasool, N., Rashid, U., Shakoor, H., Ibrahim, M., Usman, M., Adrees, M., Mehmood, M. A., Abbas, F., Rasool, N., & Rashid, U. (2016). *Removal of Reactive Blue 21 from Aqueous Solution by Sorption and Solubilization in Micellar Media Removal of Reactive Blue 21 from Aqueous Solution by Sorption and Solubilization in Micellar Media*. 2691(October 2015). <https://doi.org/10.1080/01932691.2015.1035387>
- Smallwood, I. M. (2012). Handbook of Organic Solvent Properties. *Handbook of Organic Solvent Properties*, 1–306. <https://doi.org/10.1016/C2009-0-23646-4>
- Subramanian, M. N. (2015). *Basics of polymers: fabrication and processing technology*. Momentum Press Plastics and Polymers Collection. <https://doi.org/10.5643/9781606505830>
- Szefer, E. M., Majka, T. M., & Pielichowski, K. (2021). Characterization and combustion behavior of single-use masks used during covid-19 pandemic. *Materials*, 14(13). <https://doi.org/10.3390/ma14133501>
- Tarigan, S. F. G., Deviana C.S. Sinaga, & Zuhriana Masyithah. (2016). Ekstraksi likopen dari buah tomat (*Lycopersicum Esculentum*) menggunakan pelarut tunggal dengan metode kristalisasi antisolvent. *Jurnal Teknik Kimia USU*, 5(2), 9–14. <https://doi.org/10.32734/jtk.v5i2.1528>
- Wang, S., Zhu, Z. H., Coomes, A., Haghseresht, F., & Lu, G. Q. (2005). The physical and surface chemical characteristics of activated carbons and the adsorption of methylene blue from wastewater. *Journal of Colloid and*

Interface Science, 284(2), 440–446. <https://doi.org/10.1016/j.jcis.2004.10.050>

WHO. (2020). Advice on the use of masks in the community, during home care and in health care settings in the context of the novel coronavirus (2019- nCoV) outbreak. *World Health Organization*, 1(1), 2.

World Health Organization, W. (2020). Anjuran mengenai penggunaan masker dalam konteks COVID-19. *World Health Organization*, April, 1–17. https://www.who.int/docs/default-source/searo/indonesia/covid19/anjuran-mengenai-penggunaan-masker-dalam-konteks-covid-19-june-20.pdf?sfvrsn=d1327a85_2