

DAFTAR PUSTAKA

- ABB Inc. (2016). *Elrepho Lorentzen & Wettre Products, Paper Testing.* <http://www.abb.com/pulpandpaper>. 27 Juli 2024.
- Akbarpour, I., Ghaffar, M. And Ghasemian, A. (2017). *Deinking Of Different Furnishes Of Recycled MOW, ONP, And OMG Pulps In Silicate-Free Conditions Using Organic Complex Of PHASS.* *Bioresources.* Ed-8(1), Pp. 31–44.
- Alexander, A.C., Kurtz, Rolf & Mcbridge, Donald H. (1993). *Dispersion Of Contaminants In Recovered Stock Secondary Fiber Recycling.* TAPPI Press. Atlanta, Georgia. Pp. 197-200.
- Apriani, E., & Kurniasari, H. D. (2018). Pembuatan Kertas Daur Ulang Dari Limbah Serat Kelapa Muda Dan Kertas Bekas Sebagai Alternatif Kertas Seni Untuk Industri. *Prosiding Seminar Nasional Aplikasi Sains & Teknologi (SNAST).* September, Pp. 309–318.
- Bajpai, P. (2013). *Recycling and Deinking of Recovered Paper.* London: Elsevier Inc.
- Coryna, K. (2022). Pengaruh Retention Time Dan Dosis Natrium Hidroksida Pada Proses Oxydative Bleaching Di Deinking Plant Terhadap Brightness Gain Deinking Pulp. [Tugas Akhir]. Bekasi: Program Studi Teknologi Pengolahan Pulp dan Kertas, Fakultas Vokasi, Institut Teknologi Sains Bandung.
- Felicity, F. P. P. dan N. E. (2018). Kekuatan Tarik , Noda , Opasitas dan Derajat Putih Kertas Pada Proses Daur Ulang Kertas Koran. [Tugas Akhir]. Bandung: Program Studi Teknik Kimia, Fakultas Teknologi Industri, Universitas Katolik Parahyangan.
- Ferguson, Loreen D. (1995). *Deinking Chemistry. Course Notes 1995 TAPPI Deinking Short Course.* Vancouver, WA. Pp. 73-89.
- Hartono, R., Jamil, N. H. (2010). Pengaruh Konsentrasi Dan Waktu Pemutihan Serat Daun Nanas Menggunakan Hidrogen Peroksida. Seminar Rekayasa Kimia Dan Proses. Pp. 1–6.
- Hasanin, M. S., Hashem, A. H., Abd El-Sayed, E. S., & El-Saied, H. (2020). *Green ecofriendly bio-deinking of mixed office waste paper using various enzymes from Rhizopus microsporus AH3: efficiency and characteristics.* *Cellulose,* 27(8), 4443–4453.
- Holik, H. (2006). Handbook of Paper and Board. In *Handbook of Paper and Board.*
- Hera (*Human and Environmental Risk Assesment*). (2002). *Sodium Percarbonate.* <https://www.heraproject.com/ExecutiveSummary.cfm?ID=165>. 29 Juli 2024.
- International Standardization Organization (ISO) 2470-1:2016. Species A Method For Measuring The Diffuse Blue Reflectance Factor (Iso Brightness)*

Of Pulps, Papers And Boards.

International Standardization Organization (ISO) 11475:2017. Specifies The Procedure To Be Used For Determining The Whiteness Of Papers And Boards.

- Kaushal, J., Raina, A., Singh, G., Khatri, M., Arya, S. K., Karmegam, N., Ravindran, B., Chang, S. W., Mani, R., & Awasthi, M. K. (2022). *Methodical study implicating the effectiveness of Microbial treatment over Xylanase Enzymatic treatment for Pulp Bio-bleaching. Environmental Technology and Innovation*, 28.
- Kumar, A., & Dutt, D. (2021). *A comparative study of conventional chemical deinking and environment-friendly bio-deinking of mixed office wastepaper. Scientific African*, 12.
- M. Fuadi, A., & Sulistya, H. (2008). Pemutihan Pulp Dengan Hidrogen Peroksida. *Reaktor*, 12(2).
- Malhotra, G., & Chapadgaonkar, S. S. (2023). *Thermo-alkali stable bacterial xylanase for deinking of copier paper. Journal of Genetic Engineering and Biotechnology*, 21(1). Pp. 107.
- McCool & Michael M. (1993). *Flotation Deinking Secondary Fiber Recycling*. TAPPI Press. Atlanta, Georgia, Pp. 141-146.
- McDonald. (1978). *Surfactants And Interfacial Phenomena. Wiley-Interscience Publication*, 3. Pp. 85.
- Pamilia Coniwanti, M. Nugra Prima Anka, & Christoforus Sanders. (2015). Pengaruh Konsentrasi, Waktu Dan Temperatur Terhadap Kandungan lignin Pada Proses Pemutihan Bubur Kertas Bekas. *Jurnal Teknik Kimia*, 12(3). Pp. 47–54.
- Pesman, E., Imamoglu, S., Kalyoncu, E. E., & Kirci, H. (2014). *The effects of sodium percarbonate and perborate usage on pulping and flotation deinking instead of hydrogen peroxide. BioResources*, 9(1). Pp. 523–536.
- Purwita, C. A., & Wirawan, S. K. (2017). Biodeinking Sorted White Ledger (Swl) Menggunakan Selulase. *Jurnal Selulosa*, 7(02). Pp. 49.
- Riam, G., Veranika, A., & Prasetyowati. (2012). Terhadap Derajat Putih Pulp Dari Mahkota Nanas. *Jurnal Teknik Kimia*, 18(3). Pp. 25–34.
- Ridho, M., & Sijabat, E. K. (2019). Perbandingan Penggunaan Natrium Perkarbonat, Hidrogen Peroksida, Hipoklorit, dan Xilanase terhadap Sifat Optik Deinked Pulp. *Jurnal Selulosa*, 9(02). Pp. 97.
- Rismijana, J., Elyani, N., & Cucu. (2006). *Efektivitas Biodeinking Pada Pengolahan Kertas Bekas*. Balai Besar Pulp dan Kertas, 41. Pp. 14–21.
- Sulastri Dewanti, Elisabet Aprilyanti, & Taslim. (2015). Penghilangan Tinta Pada Kertas Thermal Bekas : Pengaruh Konsistensi Dan Konsentrasi Pendispersi

- Flotasi. *Jurnal Teknik Kimia USU*, 3(4). Pp. 58–62.
- Susantini, N. N. M., & Susilo, N. A. (2019). Studi awal perancangan plant pelepasan tinta pada kertas bekas dengan metode flotasi skala laboratorium. *Jurnal Vokasi Teknologi Industri (Jvti)*, 1(1), 10–13.
- Technical Association of Pulp & Paper Industry (TAPPI) 240. Describes The Measurement Of Pulp Consistency (Concentration) Of Aqueous Fiber Suspensions.*
- Technical Association of Pulp & Paper Industry (TAPPI) 252. pH and Electrical Conductivity of Hot Water Extracts Of Pulp, Paper, and Paperboard.*
- Technical Association of Pulp & Paper Industry (TAPPI) 410. Grammage of Paper and Paperboard (Weight per Unit Area).*
- Technical Association of Pulp & Paper Industry (TAPPI) 524. Color Test Is A Procedure For Measuring The Color Of Paper Or Paperboard That Allows For The Use Of Two Different Measurement Devices.*
- Technical Association of Pulp & Paper Industry (TAPPI) Test 452. Untuk Menentukan Kecerahan Pulp, Kertas, Dan Kertas Karton Berwarna Putih, Hampir Putih, Dan Berwarna Alami (Pemantulan Arah Pada 457 nm).*
- Technical Association of Pulp & Paper Industry (TAPPI) Test 525. Untuk Menentukan Kecerahan Bubur Kertas (d/0°).*
- Wildan, A. (2010). Studi Proses Pemutihan Serat Kelapa Sebagai *Reinforced Fiber*. [Tesis]. Semarang: Program Studi Teknik Kimia, Pascasarjana, Universitas Diponegoro.
- Yangxin, Yu., Zhao, J., Bayly, A.W. (2008). *Development of Surfactants and Builders in Detergent Formulations*. *Chinese Journal of Chemical Engineering*, 16. Pp. 517-527.