

## DAFTAR PUSTAKA

- Baker, C.S.L. dan Gelling, I.R. 1987. Epoxidized Natural Rubber. *Elsevier Applied Science Publisher* 3:87-117
- Chaikumpollert, O., Yamamoto, Y., Suchiva, K., Nghia, P.T., dan Kawahara, S., 2012. Preparation and Characterization of Protein-free Natural Rubber. *Polym. Adv. Technol.* 23:825-828
- Chaikumpollert, O., Yamamoto, Y., Suchiva, K., dan Kawahara, S., 2012. Protein-free Natural Rubber. *Colloid Polym Sci* 290:331-338
- Chakraborty, S., Kar, S., Ameta, R., Dasgupta, S., dan Mukhopadhyay, R., 2010. Quantitative Application of FTIR in Rubber. *Rubber World* 241:33-39
- Coates, J., 2006. *Interpretation of Infrared Spectra, a Practical Approach in Encyclopedia of Analytical Chemistry*. Chicester: John Wiley & Sons Ltd.
- Eng, A.H., Tanaka, Y., dan Gan, S.N., 1997. Some Properties of Epoxidised Deproteinised Natural Rubber. *J. Nat. Rubb. Res.* 12:82-89
- Fathurrahman, M.I., 2010. Epoksidasi Karet Alam dalam Fase Lateks Menggunakan Asam Performat. *Jurnal Penelitian karet* 28:65-74
- Fessenden, R.J. dan Fessenden, J.S., 1997. *Dasar-Dasar Kimia Organik*. Diterjemahkan oleh Sukmariah Maun. Binarupa Aksara. Jakarta
- Gelling, I.R. 1991. Epoxidised Natural Rubber. *Journal of Natural Rubber Research* 6:184-205
- Kawahara, S., Klinkai, W., Kuroda, H., dan Isono, Y., 2004. Removal of Proteins from Natural Rubber with Urea. *Polym. Adv. Technol.* 15:181-184
- Klinkai, W., Saito, T., Kawahara, S., Tashiro, K., Suzuki, Y., Sakdapipanich, J.T., dan Isono, Y., 2004. Hyperdeproteinized Natural Rubber Prepared with Urea. *Journal of Applied Polymer Science* 93:555-559
- Nghia, P.T., Onoe, H., Yamamoto, Y., Kawahara, S., 2008. Hydrogenation of Natural Rubber Having Epoxy Group. *Colloid Polym Sci* 286:993-998
- Noble, R.C., 1953. *Latex in Industry*. Second Edition. Palmerton Publishing Company, Inc. USA
- Parker, R.E., dan Issacs, N.S. 1959. Mechanism of Epoxide Reaction. *Chem. Rev.* 59:737
- Phinyocheep, P. Dan Boonjairak, K., 2006. Investigation on Hidrogenation and Epoxidation of Natural Rubber in Latex Stage. *Int. Rubb. Conf. IRC*

- Pine, S.H, Hendrickson, J.B., Cram, D.J., dan Hammon, G.S., 1988. *Kimia Organik I*. Diterjemahkan oleh Roehayati Joedodibroto dan Sasanti W. Purbo Hadiwidjoyo. ITB. Bandung
- Pipattananukul, N., Ariyawiriyanan, W., dan Kawahara, S., 2014. Thermal Behavior of Vulcanized Deproteinized Natural Rubber Nano-composit. *Energy Procedia* 56:634-640
- Rosowsky, A. 1964. *Heterocyclic Compounds with Three and Four Membered Ring*. Interscience Publisher. New York
- Roux, C., Pautrat, R., Cheritat, R., Ledran, F., dan Danijard, J.C., 1969. Modification de Polymeres Insatures par Epoxidation. *J. Polym. Science* 16:4687
- Saputri, N.E. 2016. Pemisahan Karotenoid Degummed Palm Oil (DPO) dengan Absorben ENR- $\alpha$ -CD Hasil Sintesis Lateks Epoksidasi (Epoxidized Natural Rubber/ ENR) dan Alfa Siklodekstrin ( $\alpha$ -CD). *Tesis*. Fakultas Teknologi Pertanian. Universitas Gadjah Mada. Yogyakarta
- Spillani, J.J. 1989. *Komoditi Karet*. Penerbit Kanisius. Yogyakarta
- Stevens, H.P., Stevens, W.H., 1933. *Rubber Latex*. The Rubber Growers Association, Inc. London
- Sudarmadji, S., Suhardi, dan Haryono, B., 1984. *Prosedur Analisa untuk Bahan Makanan dan Pertanian*. Penerbit Liberty. Yogyakarta
- Tangboriboonrat, P., Polpanich, D., Suteewong, T., Sanguansap, K., Palphansiri, U., dan Lerthittrakul, C., 2003. Morphology of Peroxide-prevulcanised Natural Rubber Latex: Effect of Reaction Time and Deproteinisation. *Colloid Polym Sci* 282:177-181
- Udipi, K. 1979. Epoxidation of Styrene-butadiene Block Polymers. *J. Appl. Polym. Sci.* 23:3301-3311
- Yamamoto, Y., Nghia, P.T., Klinkai, W., Saito, T., dan Kawahara, S., 2008. Removal of Proteins from Natural Rubber With Urea and Its Application to Continous Processes. *Journal of Applied Polymer Sciece* 107:2329-2332
- Yu, H., Zeng, Z., Lu, G., Wang, Q., 2008. *Processing Characteristies and Thermal Stabilities of Gel and Sol of Epoxidized Natural Rubber*. Chinese Academy of Tropical Agriculture Science. China.