

## บรรณานุกรม

- สถาบันวิจัยยาง. 2550. สถิติยางประเทศไทย. กรมวิชาการเกษตร, กระทรวงเกษตรและสหกรณ์. 34(4). หน้า 5, 15.
- อรอุษา สรวารี. 2543. สารเคลือบผิว (สี วาร์นิช และแล็กเกอร์). จุฬาลงกรณ์มหาวิทยาลัย : กรุงเทพฯ. หน้า 214.
- เสาวนีย์ ก่อวุฒิกุลรังสี. 2547. การผลิตยางธรรมชาติ. (Natural Rubber Production) ภาควิชาเทคโนโลยียางและพอลิเมอร์ คณะวิทยาศาสตร์และเทคโนโลยี มหาวิทยาลัยสงขลานครินทร์. หน้า 213-220.
- Brosse, J.C. Boccaccio, G. And Pautrat, H. 1981. Powdered Liquid Thermoplastic. Nat. Rubber, Proc. Symp., Malays. Rubber Res. Dev. Board, Kuala Lumpur, Malaysia, 195-205.
- Burfield, D.R., Lim, K-L., Law, K-S. and Ng, S. 1984. Analysis of epoxidized natural rubber. A comparative study of d.s.c., n.m.r., elemental analysis and direct titration methods. Polymer, 25 : 995-998.
- Burfield, D.R., Lim, K-L., Law, K-S. and Sanglaw, K. 1984. Epoxidation of natural rubber lattices : Methods of preparation and properties of modified rubber. Polymer, 29 : 1661-1673.
- Chattopadhyay, D.K., Siva, S.P. and Raju, K.V.S.N. 2005. Thermal and mechanical properties of epoxy acrylate/methacrylates UV cured coatings. Prog. Org. Coat., 54 : 10-19.
- Chiantore, O., Trossarelli, L. and Lazzari, M. 2000. Photooxidative degradation of acrylic and methacrylic polymers. Polymer, 41 : 1657-1668.
- Curti, P.S., Vidotti, G.J., Rubira, A.F. and Muniz, E.C. 2003. Some kinetic parameters of the degradation of natural rubber. Polym. Deg. Stab., 79 : 325-331.
- Davey, J.E. and Loadman, J.R. 1984. A chemical demonstration of the randomness of epoxidation of natural rubber. Brit. Polym. J., 16 : 134-138.
- Decker, C., Nguyen Thi Viet, T. and Le Xuan, H. 1996a. Photore'ticulation de caoutchoucs fonctionnalish-IV. Synthese de caoutchoucs a' groupements acrylates. Eur. Polym. J., 32 : 549-557.
- Decker, C., Nguyen Thi Viet, T. and Le Xuan, H. 1996b. Photore'ticulation de caoutchoucs fonctionnalish-V. Polyme'risation Radicalaire de caoutchoucs a' groupements acrylates. Eur. Polym. J., 32 : 559-567.

- Decker, C., Nguyen Thi Viet, T. and Le Xuan, H. 1996c. Photore'ticulation de caoutchoucs fonctionnalis-VI. Polyme'risation cationique de aoutchoucs epoxydes. Eur. Polym. J., 32 : 1319-1331.
- Deeprasertkul, C. 1993. A study of the addition reaction of photosensitive acid onto epoxidised liquid natural rubber (ELNR) and its photosensitivity. M.Sc. in Polymer Science. Faculty of Graduate Studies, Mahidol university.
- De Livonnier, H. 1988. Production and application of liquid rubber. Proceeding of the First Franco Thai Rubber Technology Symposium. Hilton International Hotel, Bangkok, April 15-17 : 47-61.
- Derouet, D., Phinyocheep, P. and Brosse, C. 1990. Synthèse d' elastomer photoreticulables par modification chimique du caoutchouc naturel liquide-II Etude de l' ouverture du cycle succinique par les alcools photopolymérisables. Eur. Polym. J., 26 : 1313-1320.
- Dietliker, K., Jung, T., Benkhoff, J., Kura, H., Matsumoto, A., Oka, H., Hristova, D., Gescheidt, G. and Rist, G. 2004. New developments in photoinitiators. Macromol. Symp., 217 : 77 - 97.
- Fouassier, J.P. 1993. Radiation Curing in Polymer Science and Technology. In edited by J.P. Rabek. Vol. 1 : Fundamentals and Methods, Elsevier Science Publishers Ltd., London, pp. 49-118.
- Gelling, I.R. 1984. Modification of natural rubber latex with peracetic acid. Rubb. Chem. Technol., 58 : 87-96.
- Gelling, I.R. 1991. Epoxidised Natural Rubber. J. nat. Rubb. Res., 6(3) : 184-205.
- Gelling, I.R. and Porter, M. 1988. Natural Rubber Science and Technology. (Roberts A.D., ed.), Oxford University Press, Oxford, 359-362.
- Hashim, S.A., Ong, S.K. and Jessy, R.S. 2002. A general review of recent developments on chemical modification of NR. Natural Rubber 28-4<sup>th</sup>. 2002 : 3-9.
- Hong, S-G. and Chan, C.K. 2004. The curing behaviors of the epoxy/dicyanamide system modified with epoxidized natural rubber. Thermochimica Acta, 417 : 99-106.
- Hourston, D.J. and Romaine, J. 1990. Modification of natural rubber latex. II. Natural rubber poly(methyl methacrylate) composite latex synthesized using an amine-activated hydroperoxide. J. Appl. Polym. Sci., 39 : 1587-1591.

- Johnson, T. and Thomas, S. 2000. Effect of epoxidation on the transport behaviour and mechanical properties of natural rubber. *Polymer*, 41 : 7511–7522.
- Katangur, P., Patra, P.K. and Warner, S.B. 2006. Nanostructured ultraviolet resistant polymer coatings. *Polym. Deg. Stab.*, 79 : 1 – 6.
- Koji, H., Takayuki, O. and Kiyoshi, F. 1976. Modified isoprene rubber latex. *Chemical Abstract*. 85 : 109800-S.
- Le Xuan, H. and Decker, C. 1993. Photocrosslinking of acrylated natural rubber. *J. Polym. Sci., Part A : Polym. Chem.*, 31 : 769-780.
- Nakason, C., Kaesaman, A. and Supasanthitikul, P. 2004. The grafting of maleic anhydride onto natural rubber. *Polymer Testing*, 23 : 35-41.
- Ng, S.C. and Gan, L.H. 1981. Reaction of natural rubber latex with performic acid. *Euro. Polym. J.*, 17 : 1073-1077.
- Okiemen, F.E. and Akinlabi, A.K. 2002. Processing characteristics and physicomechanical properties of natural rubber and liquid natural rubber blends. *J. Appl. Polym. Sci.*, 85 : 1070-1076.
- Oliverira, P.C., Olivera, A.M., Garcia, A., Carvaho Zavaglia, J.C., Carvalho avalia, C.A. and Santos, A.M. 2005. Modification of natural rubber : A study by <sup>1</sup>H-NMR to asses the degree of grafication of poly DMAEMA or poly MMA onto rubber particles under latex form in the presence of redox couple initiator. *Eur. Polym. J.*, 41 : 1883-1892.
- Perera, M.C.S., Elix, J.A. and Hradbury, J.H. 1988. Furanized rubber studied by NMR spectroscopy. *J. Polym. Sci., Part A. Polym. Chem.*, 26 : 637-651.
- Phinyocheep, P. and Duangthong, S. 2000. Ultraviolet curable liquid natural rubber. *J. Appl. Polym. Sci.*, 78 : 1478-1485.
- Radtech Asia' 95 Symposium and Workshop. 1995. The fundamental chemistry of ultraviolet curing technology. Chulalongkorn University, Bangkok, Thailand.
- Shelton, R.J. 1971. Review of basic oxidation processes in elastomer. *Rubb. Chem.Technol.* 359-379.
- Roy, S., Gupta, B.R. and DEE, S.K. 1993. *Elastomer Technology Handbook*. New Jersey : Scitech Technical Service : 635-659.

- Tanaka, Y., Sakaki, T. and Kaqasaki, A. 1999. Production process of depolymerized natural rubber. Pat. 5,856,600 Jan. 5, 1999.
- Tangpakdee, J., Megumi, M., Endo, A. and Tanaka, Y. 1998. Novel method for preparation of low molecular weight natural rubber latex. *Rubb. Chem. Technol.*, 76 : 795-802.
- Tangpakdee, S.J., Kowitteerawut, T., Kawahara, S. and Tanaka, Y. 2001. Depolymerization of highly purified natural rubber. I. Metal-catalysed oxidation of deproteinised natural rubber. *J. nat. Rubb. Res.*, 4(1) : 1-10.
- The American Society for Testing and Materials. 1997. Method for Resistance of Dried Film of Varnished to Water and Alkali. ASTM : D 1647-89. Part 6.
- The American Society for Testing and Materials. 1997. Standard Test Method for Film Hardness by Pencil Test. ASTM : D 3363.
- UV Curing Technology (online) Available : <http://www.tasuvcuring.com/curing.htm> [December 7, 2007].