

## **REFERENCES**

Atkins, P.W., Physical Chemistry, (1994) fifth edition, 818,833-834

Bateman, L., The chemistry and physics of rubber like substances, (1963) chapter 4

Blackley, D.C., High Polymer Lattices their science and technology, .(1966) vol. I and II

Blackley, D.C. Salleh, B.N.M. and Twaits, R., "The effect of ethylene oxide fatty alcohol condensates upon the mechanical and chemical stability of natural rubber latex', Plast. & Rubber Mater. & Appl (1977) 2,117-127

Blackley, D.C. bt A.A. Nor Aisah and Twaits, R., "Effect of potassium fatty acid soaps upon mechanical and chemical stability of natural rubber latex', Plast. & Rubber Mater. & Appl (1979) 4,77-86

 University of Moratuwa, Sri Lanka.  
Electronic Theses & Dissertations  
[www.lrc.mrt.ac.lk](http://www.lrc.mrt.ac.lk)

Blackley, D.C and Azas, M., 'Effect of potassium C<sub>18</sub> carboxylate soaps upon mechanical stability and heat sensitivity of natural rubber latex', Plast. & Rubber Mater. & Appl. (1980) 5, 57-64

Blackley, D.C., Polymer Lattices science and technology, (1997) volume I and II  
Second edition

Briscoe, Herman T., General chemistry for colleges, (1949) fourth edition 553- 554,  
590-592.

Brydson J.A., Rubber Chemistry, ( 1978)

Calvert, K.O. 'Significance of non-volatile acids in NRL', Plastic and Rubber Materials and Applications (1977) 2, 59

Chin,H.C. and Singh, M.M. Loke, S.E., "Effect of storage on the properties of High ammonia preserved Hevea Latex concentrate, Plast. & Rubber Mater. & Appl., (1979) 4, 163-169

Crafts, R.C. Gorton, A.D.T and Pendle, T.D., "The effect of anions on some properties of NR latex concentrates", Rubber Chem. & Technology, (1978) 51, 986

Dalimunthe, R and Perkebunan Nusantara, P.T., 'Effect of dicumyl peroxide on mechanical stability time of concentrate latex', Proc. Int. Rubb. Technol. Conf. Kuala Lumpur, Malasia, (1997) , 65-70.

Davies R.T and Pendle, T.D., 'Thermally induced changes in the mechanical -stability of natural rubber latex concentrate', J. Nat. Rubber. Res., (1991) 6(1), 12-19

Denny, Ronald C., A language of its own key definitions in chemistry, ( 1982)

Gorton, A.D.T., 'Natural rubber latex concentrate properties and processability', Rubber Chem. & Technology, (1972) 457,1202-1223.

Gorton, A.D.T and Pendle, T.D., 'Properties and processability of High Ammonia Latex', J. Nat. Rubber. Res., (1986) 1, 122-133

Hasma, H., 'Lipid associated with rubber particles and their possible role in mechanical stability of latex concentrates', J.Nat. Rubber. Res., (1991) 6(2), 105-114.

International rubber digest, (1992) February Vol XLV No 8,9

International rubber digest, (1992) May Vol XLV No 11,5-6

International rubber digest, (1994) July Vol XLVIII No 1,18

International Rubber Study Group (IRSG) Rubber statistical Bulletin (2003) May volume 57, No 8

ISO 35 fourth edition 1995-10-15 Natural Rubber Latex, Determination of Mechanical stability

IIRDB web site <http://www.irrdb.com/IRRDB/publications>

IIRDB web site [http://www.irrdb.net/IRRDB/natural\\_rubber/general\\_statement](http://www.irrdb.net/IRRDB/natural_rubber/general_statement)

IIT web site <http://www.iit.edu/~smile/ch8709.html>

Jones, K.P., 'Natural Rubber as a green commodity-Part 11', Rubber Developments, (1994) **47 No 3/4**, 37

Lowe, J.S. Ibid. (1960) **36**, 202

Madge, E.W Collier, H.M. Duckworth, I.H., Trans. of Institute of rubber Industries, (1952) **15** 28



University of Moratuwa, Sri Lanka.  
Electronic Theses & Dissertations

Markwood, "Direct determination of oil in oil-water- soap Emulsion", Industrial and Eng. Chemistry, Analytical edition, (1930) **02**, 265

Mitchell P.L (2001) Achieving sustainable competitiveness of Latex based Rubber products industry in Sri Lanka, sectoral strategy report prepared for the Sri Lanka rubber cluster held in 30<sup>th</sup> July 2001

Noveoninc web site <http://www.noveoninc.com>

Partington, J.R, Everyday chemistry, ( 1957) 3<sup>rd</sup> edition, 520

Pendle, T.D and Gorton, A.D.T., 'The mechanical stability of natural rubber latexes', Rubber Chem. & Technology, (1978) **51**, 986

Pendle, T.D., 'Production, properties, and stability of NR lattices', Rubber Chem. & Technology, (1990) **63**, 234-243

Planters Bulletin (1971) **113**,101-114

Rahaman, W.A., 'Natural Rubber as a green commodity-Part I', Rubber Developments, (1994) **47 No 1/2**,13

Rubber News website <http://www.rubbernews.com/latex>

Rubber Asia, (1995) July-August , 85

Rubber Developments, (1992) **45, No 4** 68

Rubber Developments, (1995) **48, No1/2** 12

Rubber Developments, (1996) **49, No 1/2** 3,11,15

Seong – Fong Chen and Chiew- Sum Ng., 'The natural higher fatty acid soaps in natural rubber latex and their effect on the mechanical stability of the latex', Rubber Chem. & Technology, (1984) **57**,<sup>n243</sup>Theses & Dissertations  
University of Moratuwa, Sri Lanka.  
[www.lib.mrt.ac.lk](http://www.lib.mrt.ac.lk)

Seong – Fong Chen, 'Adsorption of sodium dodecyl sulfate on NR latex particles and determination of specific surface area of the particles', Rubber Chem. & Technology, (1981) **54**,124-133.

Sebastian, M.S., "Comparison of Properties of HA and LATZ lattices", Rubber India, (1998) July, 17-20.

Subramaniam K., Fundamentals of Rubber Technology, First edition, ( 2002)

Thomas P Mccutcheon, Harry Seltz, and Warner, J.C., General chemistry Theoretical and descriptive, 3<sup>rd</sup> edition (1939)

Thomas E.V., 'Role of NR in conserving energy and materials', Rubber Reporter, (1984) **V111(8)**, 175

Verhaar, G., "Hevea Latex: Its structure and Viscosity ", Proceedings of the third Rubber Technology conference, (1954), 77-86.

Verhaar, Rubber Chem & Tech, (1959) 32 1627

Wilson, Brian J., British Compounding ingredients for rubber , ( 1964)

Wilkins, H., Fundamental Chemistry, third edition, (1959) 440-442



University of Moratuwa, Sri Lanka.  
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