

Bibliography

1. American Plastics Council. (2001) *National Post Consumer Plastics Recycling Report*, USA, Accessible through: <http://www.pollutionissues.com/Pl-Re/Plastic.html>, [12.01.2010]
2. Anderson, W. C. (1966) *Package loading of poles*, US Patent number: 3263830, Assignee: The Union Metal Manufacturing Company.
3. Aronson, M. P., Lin, S. O., Policello, G. A. (1991) *Self hydrophobing silicone/hydrocarbon antifoam compositions*, US Patent No. 5045225, USPO.
4. ASTM Standard, ASTM D3616 – 95 (2004) *Standard Test Method for Rubber, Raw-Determination of Gel, Swelling Index, and Dilute Solution Viscosity*, ASTM International, West Conshohocken, PA, Accessible through. www.astm.org, [02.02.2009]
5. ASTM Standard, (2005) *ASTM D1200 – 94, Standard Test Method for Viscosity by Ford Viscosity Cup*, ASTM International, West Conshohocken, PA, Accessible through. www.astm.org, [02.02.2009]
6. Bachar, J. (2007) *World Petroleum Energy Crisis and Fareless Urban Mass Transportation, Buying Time and Solving the Transportation Quagmire at the Same Time*, Also accessible through :jmbachar@sbcglobal.net [29.09.2007]
7. Barnes, C., Southee, C., Henson, B. (2003) *The impact of affective design of product packaging upon consumer purchase decisions*, Poster Session, ISBN:1-58113-652-8, 2003 international conference on Designing pleasurable products and interfaces, Pittsburgh, PA, USA, ACM Publishers, pp. 134 – 135.
8. Bay Plastics Ltd. (2009) *Material Safety Data Sheet for HDPE LDPE and PP*, [online] available at www.bayplastics.co.uk [12.11.2009]
9. Belton, P. L., Belton, O. L., (1936) *Rubber glove and process of making same*, US Patent number: 2064143, Assignee: Seiberling latex products company, Akron Ohio, USA.
10. Bhowmick, A. K., Howard L., Stephens, L. (2001) *Handbook of elastomers*, 2nd, Marcel Dekker, pp. 46-48.
11. Billmeyer, F. W. (1970) *Textbook of Polymer Science*, Wiley Interscience, New York, pp. 147-410.
12. Blackley, D. C. (1997) *Polymer Latices: Science and Technology*, Springer, pp. 171, 172.

13. Boothroyd, G., Dewhurst, P., Knight, W. A. (2002) *Product design for manufacture and assembly*, 2nd ed, USA, Marcel Dekker, pp. 55-72.
14. British Standards, (2004) *BS EN ISO 8367-2:1997, Packaging. Dimensional tolerances for general purpose sacks. Sacks made from thermoplastic flexible film*, British Standards Institution, UK.
15. British Standards, (2004) *DC BS EN 14477, Packaging. Flexible packaging material. Determination of puncture resistance. Test methods*. British Standards Institution, UK.
16. Broeck, T. L. T. (1957) *Latex Treatment*, US Patent number: 2802040, USPO.
17. Brydson, J. A. (1999) *Plastic Materials*, 7, 1999, Butterworth Heinemann, pp. 880-888.
18. Cary, H. H., Baxter, W. P. (1941) *Electrode for the electrical determination of pH*, US Patent No. 2256733, USPO.
19. Chiu, D. S., Gent, A. N., White, J. R. (1984) *Tear strength of polyethylene*, *Journal of Materials Science*, ISSN. 0022-2461, Vol. 19, No. 8. Springer Netherlands.
20. Cooper, L. S. (1939) *Smell elimination in rubber*, US Patent number: 2179494, USPO.
21. Couper, J. R (2005) *Chemical process equipment: selection and design* 04th Ed. Gulf Professional Publishing, Elsevier, ISBN 0-7506-7510-1, pp 368 – 378.
22. Croser, N. (2004) *Recycling Plastic*, ISBN 1741200245, Era Publications, Australia, pp. 4-6, 14-22.
23. Dalrymple, S. J., Audley, B. G. (1992) *Allergenic products in dipped products: factors influencing extractable protein levels*, *Rubber Developments*, Vol. 45, Malaysian Rubber Producers and Research Association, United Kingdom, pp. 51-60.
24. Dat, A. G. (1873) *Improvement in the manufacture of hard flexible rubber*, Patent number: RE5231, New York.
25. Datta, R. N. (2001) *Rubber Curing Systems*, Vol. 12, Report 144, ISSN 0889 -3144, Rapra review reports.
26. Dick, J. S. (2003) *Basic rubber testing: selecting methods for a rubber test program*, ASTM International, pp. 34-37.
27. Dowd, L. E. (1986) *USP Blown film extrusion* US Patent No: 4632801, Filing date: Sep 23, 1985, Issue date: Dec 30, 1986, Assignees: Norchem, Inc.
28. Dreyer, A. (1935) *Ball Mill*, US Patent number: 1992742, USPO.

29. Edward, M. B., Gregory, M. S. (1982) *Laminar thermoplastic film constructions*, US Patent number: 4357191, Assignee: Mobil Oil Corporation
30. Engels, H.W., Weidenhaupt, H. J., Pieroth, M., Hofmann, W., Menting, K. H., Mergenhagen, T., Schmoll, R., Uhrlandt, S., (2004) *Rubber Chemicals and Additives*, *Ullmann's Encyclopedia of Industrial Chemistry*, Wiley-VCH, Weinheim.
31. Faldini, M. (1934) *Manufacture of rubber and articles*, Patent number: 1983972, Assignee: Societa Italiana Pirelli. Italy.
32. Feder, I. (1998) *Elastic connector*, US Patent number: D402191, USPO.
33. Ferngren, E. T. (1928), US Patent No: 1678247 – *Method and means for feeding and shaping molten glass*, Filing: Dec 1924, Issue date: Jul 1928.#
34. Flory, P. J. (1953) *The Principles of Polymer Chemistry*, ISBN 0801401348, Cornell University, Ithaca, NY.
35. Food Marketing Institute, (2010) *Plastic Grocery bags, Challenges and opportunities*, Report, Food Marketing Institute, Arlington, USA, [online] Accessible through <http://www.fmi.org> [22.12.2009]
36. Goddard, J. B. (2009) *Abrasion resistance for piping systems*, Technical Notes, [online] ADS Piping Ltd, USA, Accessible through. <http://www.ads-pipe.com>, [14.03.2010]
37. Goodyear, C. (1844) *Improvement in the Process of Divesting Caoutchouc*, US Patent, No. 240, USPO.
38. Gupta, R., Singh, K. K. (2007) *Stability studies on a cough syrup in plastic containers*, Indian J Pharmaceutical Science.
39. Hanlon, J. F. kelsey R. J., Forcinio, H. E. (1998) *Handbook of package engineering*, 3rd ed, CRC Press, USA, , pages 1-18, 513-536, 593- 601, 607-669.
40. Harrison, M. M. (1943) *Manufacturing of rubber products and apparatus thereof*, US Patent number: 2327638, Assignee: Harrison a Morton Laboratories, Akron, Ohio USA.
41. Heather Y. P. (1992) *A handbook of food packaging*, 2nd ed, Blackie Academic and Professional of Chapman andHall, London, UK, pp. 38, 39.
42. Hill D. M. (2005) *Rubber latex films having improved tear resistance*, US Patent Number: US 2007/0254999 A1, USPO.
43. Hiltunen, E., Selin, J. F., Skog, M. (2000) *Polylactic Films*, US Patent number: 6117928 Assignee: Neste Oy, USPO.



44. Hoerner, S. F., (1965) *Fluid-dynamic drag: practical information on aerodynamic drag and hydrodynamic resistance*, CA USA, Hoerner Fluid Dynamics.
45. Horst, P. (1938) *Vulcanization of rubber*, Us Patent number: 2131127, Assignor to United states rubber company New York.
46. Hoshino, T., Imaizumi, S., Tomita, S. (1980) *Vulcanizable rubber composition improved in sulfur blooming with metal alkylxanthate*, US Patent No. 4242472, Assignee Bridgestone Tire Company Limited, Japan, USPO.
47. Hourston, D. J., Tabe, J. O. (1996) Ed. Salamone, J. C. (1996) *Article: Natural Rubber, Chemical Modification. Polymeric materials encyclopedia*, Vol 6, CRC.
48. Hui, Y. H. (2006) *Handbook of food science, technology, and engineering*, Vol. 3, CRC Press, Taylor and Francis Group, USA, pp. 131-1, 131-5.
49. Kavalir, J. J. Everett, V., Anderson, (1966) *Method of making gloves*, US Patent number: 3286011, Assignee: United States Rubber company, NY.
50. Kavalir, J. K., Anderson, E. V. (1966) *Method of making gloves*, US Patent number: 3286011.
51. Kemp, A. R., Malm, F. S., Winspear, G. G., Stiratelli, B. (1940) *Diffusion of Sulfur in Rubber Relation To Vulcanization*, 32 (8), ACS publications, pp. 1075–1084.
52. Kulkarni, R. D., Kanner, B., Goddard, E. D. (1983) *High efficiency antifoam compositions and process for reducing foaming*, US Patent No. 4395352, USPO.
53. Laherrère, J. (2003) *Future of oil supplies*, Seminar Center of Energy Conversion Zurich, Les Pres Haut, France.
54. Lee, I. (1997) *Acrylic emulsion coatings for rubber articles*, US Patent number: 5691069. USPO.
55. Leonard, E. (1996) *Packaging: specifications, purchasing, and quality control*, Marcel Dekker Inc, New York, USA.
56. Lepizzera, S., Lhommeau, S., Dilger, G., Pith, T., Lambla, M. (1998) *Film-forming ability and mechanical properties of coalesced latex blends*, Journal of Polymer Science Part B, Polymer Physics, Vol. 35 Issue 13, Wiley Periodicals, pp. 2093 – 2101.
57. Leyland, B. N., Stafford, R. L. (1959) *stabilization of rubber with mercaptoarylimidazoles and phenols*, Canadian Patent No. CA 568638, Assigned: Imperial Chemical Industries Limited, United Kingdom, Canadian Intellectual Property Office.

58. Lindgren, H. O. (1931) Process of separating rubber latex, US Patent number: 1831500, Assignee: The De Laval Separator Company.
59. McGavack, J. (1929) preservation of latex, Us Patent No. 1699369, Assignee: United States Rubber Company, USPO.
60. Miller, L. R., (1933) *Latex Glove*, US Patent number: 1924617, Assignee: The B F Goodrich company NY, USA.
61. Ministry of Forestry and Environment, (1999) *Annual report, Intermediate Technology Development Group (JW-1998)*, Database of municipal waste in Sri Lanka.
62. Modern Plastics. (1992) *Major Types of Plastics by S.P.I. Codes and Types of Plastic Packaging*. [Online] Accessible through: <http://www.pollutionissues.com/Pl-Re/Plastic.html>, [12.01.2010]
63. Motha, L. (2006) *Competitiveness and Productivity in the Plastics Industry in Sri Lanka*, Society of Materials Engineers, Sri Lanka Materials Technology, Industrial Technology Institute, Colombo, Sri Lanka.
64. Murray, C. R. (1987) *Thermoplastic sack*, US Patent No. 4680207, Assignee: C-I-L Inc, USPO.
65. Nelson, R. R. (1993) *Technical Innovation and National Systems in National Innovation Systems: A comparative analysis*, (Ed). Oxford, Oxford University Press, pp. 3- 23.
66. Nielsen, L. (1965) *Simple theory of stress-strain properties of filled polymers*, Journal of Applied Polymer Science, Vol. 10 Issue 1, Wiley Periodicals, pp. 97 – 103.
67. O'Rourke, S. (2002) *The characterization and causes of bloom*, The HallStar Company, USA. Presented to: Blue Ridge Rubber Group, USA.
68. Ogilby, S. R. (1938) Method of forming rubber articles, US Patent number: 2115560.
69. Orihara, S., Orihara, Y. (1998) *Rubber band for repairs and method thereof*, US Patent number: 5814387, Assignees: Orihara Manufacturing Co., Ltd, Japan, USPO.
70. Osborne, F. (1924) *Viscosity testing device*, US Patent number: 1502118, USPO.
71. Owen, J. C. (1976) *Glass electrode assembly*, US Patent number: 3930976. USPO.
72. Pinchuk, L. (1998) *Lubricious silicone surface modification*, US Patent number: 5736251, USPO.
73. Pollock, H. A. (1954) *Dip molding process and apparatus*, US Patent number: 2694830, Assignee: Peek.

74. Porter, M. E. (1985) *Competitive advantage: Creating and sustaining superior Performance*, Simon and Shuster Inc.
75. Raiche, P. A. (1941) *Manufacture of rubber articles (Roller coating with 50/50 acetic ethanol)*, US Patent number: 2266263, Assignee: Davol Rubber company, USPO.
76. Ratoia, M., Spikesa, H. A. (1999) Article: *Lubricating Properties of Aqueous Surfactant Solutions*, Tribology Transactions, Vol. 42, Issue 3, Imperial College London, pp. 479 – 486.
77. Risgalla, E. (2006) *Flexible packaging*, US Patent No: D523758, Filing date: Apr 14, 2004, Issue date: Jun 27, 2006, Assignee: Pakerman S.A.
78. Rubber Auto Supplies Pty Ltd t/a RAS Approtech, 2003, NSW 2566, Australia.
79. Sakaki, T., Toji, D. (1994) *Method of manufacturing gloves*, US Patent number: 5326515, Assignees: Sumitomo Rubber Industries, Ltd. Japan.
80. Sanguansap, T., Suteewong, P., Buranabunya, S. U., Tangboriboonrat, P., (2004) *Composite natural rubber based latex particles: a novel approach*, Department of Chemistry, Faculty of Science, Mahidol University, Bangkok 10400, Thailand, Elsevier.
81. Shaw, D. (1997) *A Brief Natural History of Latex Rubber Allergy*, e-mail to Rubber and latex allergy discussion list, (rubber@postal.tamu.edu) 4th Mar 1997.
82. Shepherd, H. (1967) *Surface treatment and bonding of organic high polymers*, US Patent number: 3326742, USPO.
83. Siriwardhana, S. (2006) *Inherited Control*, Technical report, Department Of Research and Development, DPL Group Plc, Sri Lanka.
84. Steinbach, (1972) *Methyl-polysbioxane-containing de-foaming agents and preparation thereof*, US Patent No. 3650979, USPO.
85. Summers, A. (2007) *The Evolution of Plant Automation*, Control Global, SIS-TECH Solutions, SIS tech, Texas. USA.
86. Sunny, S. M. (2001) *Chlorination of gloves: benefits and drawbacks*, Rubber India. [online] available at. <http://www.microflex.com/Resources.aspx>, [20.09.2009]
87. The Dow Chemical Company, (2010) Product Data, Triton X-100, [Online] Available :http://www.dow.com/products/product_detail.page?product-line=1120593&product=1123804, [20.09.2009]
88. The journal of allergy and clinical immunology, (1995) Vol. 96, Issue 5, pp. 635-642.
89. Thermoplastic Elasmers-Preparations and Applications, *RAPRA review report 81*, Vol. 7 (9).

90. Tomazic, V. J., Thomas, J., Hamilton, R. G. (1995) *Characterization of the allergen(s) in latex protein extracts*, The Journal of Allergy and Chemical Immunology, USA, Elsevier.
91. Treloar, L. R. G. (1974) *Introduction to Polymer Science*, ISBN 0851091008, London, Wykeham.
92. Treloar, L. R. G. (1975) *The Physics of Rubber Elasticity*, 3rd Edition, ISBN 0198513550, Clarendon, Oxford, UK.
93. United States Environmental Protection Agency, (1990) *Method to manage and control plastic waste. report to congress*, Washington, USA, Department of Trade and Industry.
94. United states Government Accountability office (GAO) (2007) *Crude oil-Uncertainty about future oil supply Makes it Important to develop a strategy for addressing a peak and decline in Oil production*, Report to congressional requestors, USGAO.
95. Watkins, J. D., Andreas, D. W., Cox, D. H. (1988) *Flexible packaging sheets*, US Patent No: 4735513, Filing date: Jun 3, 1985, Issue date: Apr 5, 1988, Assignee: Golden Valley Microwave Foods Inc.
96. Winter, J. P., Tomic, M. (1983) *Rubber compounding bags and film made from syndiotactic 1,2-polybutadiene*, US Patent number: 4394473, Assignee: The Coca-Cola Company, USA.
97. Wittier, B. H. (1964) *Glove turning machine*, US Patent number: 3143258, USPO.
98. Young, R. J., Lovell, P. A. (1991) *Introduction to Polymers*, 2nd Edition, London, Chapman and Hall.
99. Youssef, H. (1993) The history of Condom, Article, *Journal of the royalsoc of medicine*, Institute of Obstetrics andgynecology, pp. 58, 226-228.

