

REFERENCES

1. *Abstracts*, Rubber chemistry and technology, Vol-70,1997.
2. Bikales, M & Menges, O, *Encyclopedia of polymer science and engineering*, 1997, Vol 7 P.53-54, 199-200
3. Billmeyer, F.W. Text book of polymer science 2nd Ed: , Wiley- inter science : Division of John Wiley and sons .Inc, 1962
4. Blow, C.M. & Hepbur, C, Rubber technology and manufacture 2nd Ed., 1987
5. Brown, R.P Physical testing of rubber. London : Applied rubber publishers Ltd. 1979.
6. Byers John, T." Silane coupling agent for enhanced silica performance" *Rubber world*, Vol81, 1998, P.38-42.
7. Chow .T.S , "Tensile strength of filled polymers", *Journal of polymer science and polymer physics* Ed;20 1982 P. 2103-2109
8. Dai, J.C & Huang, J.T. "Surface modification of clay and clay rubber composite". *Applied clay science*. Vol.15, 1999, p.51-65.
9. Danneberg, E.M "The effect of surface chemical interaction on the properties of filler-reinforced rubbers", *Rubber chemistry and technology*, Vol 48, 1975 P 434-442.
10. Goerl Udo, Hunsche Andrea, Mueller Arndt & Koban H.g." Invesigations into the silica/Silane Reaction system" *Rubber chemistry and technology*, Vol 70 1997, P.608-623.
11. Grim, R.E. *Clay mineralogy*, Mc Graw-Mill, 1968



University of Moratuwa, Sri Lanka
Electronic Theses & Dissertations
www.lib.mrt.ac.lk

12. Ismail, H, Ishiku, U.S, Ishak, Z.A.M & Freakley, P.K, "The effect of a cationic surfactant (Fatty Diamine) and a commercial silane coupling agent on the properties of a Silica filled Natural rubber compound," *European polymer journal*, **1998**, Vol 33, P-1-6.
13. Jerry, L Curtis, "New trends in kaolin for paper", *Industrial minerals*, Feb **1999**, P-63-67.
14. *Journal of American chemical society*, Vol 114, **1992**, P-3899.
15. Kingery, W.D, Bowson, H.K., Ulman, D.R, *Introduction to ceramics*, 2nd Ed. **1976**
16. Liauw, C.M, Lees, G.C., Hurst, S.J., Rothon, R.N. & Dobson, D.C. "The effect of filler surface modification on the mechanical properties of aluminium hydroxide filled polypropelene". *Plastics and composites processing and applications* Vol. 24 (5), **1995**, p.249-260
17. Mark, J.E., Erman, B. & Eirich, F.R. *Science and technology of rubber* 2nd Ed. San Diego and London: Academic Press, A division of Harcourt Brace & Company, **1994**
18. McColm, I.J., *Ceramic science for Material Technologists*, **1983**
19. Miles, I.S, Rostami, S. *Multicomponent polymer systems*, Longman scientific and Technical **1992**.
20. Parkinson, D, *Reinforcement of rubbers*. Nov.25-30, **1955**.
21. Petzold, G & Buchhammer, H.M, " Properties of polyelectrolite-modified clays : influence of the particle concentration on the degree of modification". *Journal of applied polymer science*, Vol. 75, January **2000** p.16-25
22. Ritche, P.D. *Plastics, stabilisers and fillers*, P-268-280.



23. Scott, J.R " Reinforcing agents and reinforcement". *India ubber journal*, **1951**
24. Roychoudhury ,A.& De ,P.P.," Chemical interaction between chlorosulphonated polyethylene and Silica-Effect of surface Modification of silica"- *Rubber chemistry and technology* Vol-68,**1995**,P-815-823
25. Salder ,E.J, *Plastics, Rubber and Composies processing* Vol-24,1195, P-271-275
26. Schwarz,S,Buchhammer,Lunkwitz,Jacobaseh,II.J. *Colloid Surfaces* , **1998**
27. Seymour,R.B. *Introduction to prolymer chemistry*., New york:Mcgraw-Hill book company,**1971**
28. Sutton David, "Kaolin clay can enhance rubber properties", *Rubber Asia*, Vol. 53, **1998** P-133-135
29. Vogel ,A. I., *Vogel's Text book of quantitative chemical analysis Ed 5*, **1989** ,
P .302
30. Velde,B. *Introduction to clay minerals*, **1992**
31. Wake,W.C.,Tidd,B.K,Loadman,M.J.R. *Analysis of rubber and rubber like polymers*, 3rd Ed, **1983**.
32. Walter.H.,Waddell, Larry & Evans,R. " Use of non-black fillers in tyre compounds". *Ruber chemistry and technology*. Vol-69, **1996**, P-377-387.
33. Wolf.,S. " Chemical aspects of rubber reinforcement by fillles" . *Ruber chemistry and technology*, Vol 69, **1996**, P-325,345
34. .Worrall ,W.E, *Clays and ceramic raw materials* , 2nd Edd, **1986**, p. 89-119