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## APPENDICES

### Appendix I

#### Publications on this study

Liyanage N.M.V., Somaratne M.C.W., & Walpalage S. (2009). *Reinforcement of Natural Rubber Latex Films with Surface Modified Silica*. Paper presented at the 15th ERU Symposium, University of Moratuwa.

**Somaratne M.C.W.**, Liyanage N.M.V., & Walpalage S. (2012a). *Contribution of Hydrogen Bonds and Coupling Reactions on Reinforcement of Natural Rubber Latex Films with Surface Modified Silica*. Paper presented at the First International Conference on Advanced Materials, Science and Engineering (ICAMSE'12).

**Somaratne M.C.W.**, Liyanage N.M.V., & Walpalage S. (2012b). Reinforcement of Natural Rubber Latex Films through Surface Modified Silica with Macromolecular Coupling Agent [Electronic Version]. *Asian International Conference on Materials, Minerals, and Polymer (MAMIP 2012), Part 2*, 444-452,

**Somaratne, M. C. W.**, Liyanage, N. M. V. K., & Walpalage, S. (2012c). *Surface Modification of Silica with Hydrophilic Polymer and Its Influences on Reinforcement of Natural Rubber Latex*. Paper presented at the International Symposium on Polymer Science and Technology

A patent titled "A Novel Technique for Reinforcement of Natural Rubber Latex Films by Silica modified with Macromolecular Coupling Agents" is being processed.

A **Journal Paper** titled "Contribution of Hydrogen and/or Covalent Bonds on Reinforcement of Natural Rubber Latex Films with Silica" has been submitted to the Journal of Applied Science.

A **Journal Paper** titled "Surface Modification of Silica with a Hydrophilic Polymer and Its Influence on Reinforcement of Natural Rubber Latex" has been submitted to the Journal of National Science Foundation of Sri Lanka.