

## **Journal Papers**

1. Yang, L M, V P W Shim, C T Lim and P H Low, "**A visco-hyperelastic constitutive model to characterize both tensile and compressive behavior of rubber**". Journal of Applied Polymer Science, 2004 (in press).
2. Tee T.Y., Ng H.S., Lim C.T., Pek E., Zhong Z.W. "**Impact life prediction modeling of TFBGA packages under board level drop test**". Microelectronics Reliability, 2004. (in press)
3. Boss, J N, V K Ganesh and C T Lim, "**Modulus and grading versus geometric grading of composite adherends in single-lap bonded joints**". Composite Structures, 62, 1 (2003): 113 – 121.
4. Seet, H L, S H See, X P Li, J Y Lee, K Y T Lee, S H Teoh and C T Lim, "**Study of the parameters of electroplating of ferromagnetic materials in relation to material permeability**". Materials Science Forum, 437-438 (2003): 479-482.
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7. Tan, V B C, C T Lim and C H Cheong, "**Perforation of high strength single-ply fabric system**". International Journal of Impact Engineering, 28, 2 (2003): 207-222.
8. Lim, C T, V P W Shim and Y H Ng, "**Finite element modelling of the ballistic impact of fabric armour**". International Journal of Impact Engineering, 28, 1 (2003): 13-31.
9. Tee T.Y., Ng H.S., Lim C.T., Pek E., "**Drop Test and Impact Life Prediction Model for QFN Packages**", Journal of Surface Mount Technology, Volume 16 Issue 3, 2003.
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## Conference Papers

1. Lim C.T., Wong E.H., Ang C.W., Tan L.B., Tan V.B.C., Shim V.P.W. **"Drop impact study of handheld electronic products"**. 5th International Symposium on Impact Engineering, 2004, UK. (accepted)
2. T. Y. Tee, J.E. Luan, E. Pek, C.T. Lim, and Z.W. Zhong. **"Novel Numerical and Experimental Analysis of Dynamic Responses under Board Level Drop Test"**. EuroSIME Conference, Belgium, May 2004.
3. Tee T.Y., Luan J-E, Ng H.S., Yap D., Loh K., Pek E., Lim C.T., Zhong Z. **"Integrated modeling and testing of fine -pitch CSP under board level drop test, bend test, and thermal cycling test"**. Electronics Components & Technology Conference 2004, USA. (accepted)
4. Tee T.Y., Luan J-E, Pek E., Lim C.T., Zhong Z. **"Advanced experimental and simulation techniques for analysis of dynamic responses during drop impact"**. Electronics Components & Technology Conference 2004, USA. (accepted)
5. Nai M.H., Lim C.T., Zeng K.Y. & V.B.C. Tan. **"Nanoindentation study of polymer based nanocomposites"**. In International Conference on Materials for Advanced Technologies 2003, Singapore, 2003.
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9. Wong, E.H., C.T. Lim, J.E. Field, V.B.C. Tan, V.P.W. Shim and S.K.W. Seah, **"Tackling the Drop Impact Reliability of Electronic Packaging"**. ASME InterPACK Conference 2003.
10. Lim C.T., Ang C.W., Tan L.B., Seah S.K.W. & Wong E.H. **"Drop Impact Survey of Portable Electronic Products"**, IEEE ECTC 2003
11. Seah S.K.W., Lim C.T., Tan V.B.C. & Quah S.E. **"Study of Microvia Failure Under PCB Flexing Loads"**, IEEE ECTC 2003
12. Tee T.Y., Ng H.S., Lim C.T., Pek E., and Zhong Z.W. **"Board Level Drop Test and Simulation of QFN Packages for Telecommunication Applications"**, ICEP, 2003, Japan, April 2003, pp. 221-226.
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