

effects of an actual process on the instrument. Modeling can be done on a lab instrument without having to put expensive product at risk. More educated process changes can be made with rheological information.

Portions of this article published originally as "Die Wissenschaft des Verpressens von Multilayern", originally appearing in the German Printed Circuit Board Technical journal: "Zev Leiterplatten" in ..12/93

Additional article published in May 93, August 93 "PCFAB." Thanks to Paul Kyle for the initial articles which have been combined in this paper. Any errors or omissions are those of the redactor (Chet Guiles, Arlon) and not the original author.

BIBLIOGRAPHY

1. Considine, Douglas M; Considine, Glenn D., Encyclopedia of Chemistry, Fourth Edition, Van Nostrand Reinhold, N.Y., 1984
2. Binder, Stephen, Fluid Mechanics, Fourth Edition, Prentice-Hall, Inc., Englewood Cliffs, N.J., 1962
3. Marshall, D.I., Measuring Viscosity by Thermosetting Resins by Parallel Plate Plastometry
4. Bartlett, C.J.; Bloechle, D.P.; & Mazeika, W.A., The Use of Scaled Flow Testing For B-Stage Prepreg, IPC Technical Paper IPC-TP-281, IPC 22nd Annual Meeting, April, 1979
5. Van Black, L.H., Elements of Materials, Science & Engineering, Addison-Wesley Publishing Company, Reading, MA, 1975
6. Galgoci, E.C., Pigneri, Young, G.C., Tait, R.A., Jackson, R.J., Rheological Indexing of Prepreg Resin, 3rd International SAMPE Electronics Conference Proceedings, June 1989 (Vol 3, Pp1224-1233)

ARLON
ELECTRONIC MATERIALS

9433 Hyssop Drive
Rancho Cucamonga, California 91730
Tel: (909) 987-9533 • Fax: (909) 987-8541

www.arlonemd.com