



G08.19

**Temperature Profiles of Ethylene Vinyl Acetate
during Injection Moulding**

*O. Y. Alothman (a)(b), R. J. Day (a)

(a) *School of Materials, Materials Science Centre, The University of Manchester, Manchester, UK*

(b) *Department of Chemical Engineering, King Saud University, Riyadh, Saudi, Arabia*

The temperature profiles of Ethylene Vinyl Acetate (EVA) during injection moulding were investigated. A thermocouple mesh was used to determine the radial temperature distribution. Effects of injection speed and melt temperature were studied. The results are in the final stage of analysing.