

Gary Howe – Summary of Professional Experience

Professional qualifications

1986 – 1990. The University of Bath.

BSc (hons) Materials science.

Professional Experience

1988-1989 Royal Aerospace Establishment Farnborough.

Years Industrial Placement from University working on pre-contamination of fibre reinforced composites prior to adhesive bonding for in-field damage repair and the electropolymerisation of polymethyl methacrylate onto continuous carbon fibre tows.

1990 – 1992 British Aerospace Military Aircraft Ltd

Materials engineer responsible for of non metallic materials systems for Harrier and European Fighter developments.

1992 – 2001 Rapra Technology Limited

Consultant in Plastics Technology

Working with clients from industrial, academic and legal professions to provide consultative support on all aspects of polymer technology. Particular emphasis was placed in assessment of the long term durability of polymer products and expertise gained in failure analysis plastic components.

Significant experience has been built up working with clients from all industrial sectors utilising all common and specialist thermoplastic materials. A significant amount of work was conducted for the legal profession and court appearances have been made both within the UK and Eire.

Head of Plastics Technology

From 1999-2001 the role of Head of Plastics Technology was taken on in addition to continued consultancy work. Responsible for the technical quality of seven other consultants.

Aug 2001 – December 2002 – New Transducers Ltd

Manager Components and Technologies

Head of a team of multi-disciplined engineers including materials engineers, mechanical engineers, transducer designers and electronic engineers developing components for use in NXT flat panel loudspeakers. Development components included novel composite/plastic panel materials and magnetic circuit designs for use in high force and high power handling transducer applications. Work included liaison with manufacturers both within Europe and in China and the development of training modules for Chinese licensees to develop an understanding of manufacturing and quality control issues for flat panel loudspeaker production.

Jan 2003 - Present

Director – Independent Polymer Technology Ltd ([Ipolytech](#))

Founder and Managing Director of Independent Polymer Technology Ltd. Ipolytech provide materials technology support to companies from all industrial sectors and the legal profession. Project work focuses on aspects of failure analysis, product development and component durability assessment of plastic components. In addition to consultancy projects training courses on a number of aspects of polymer technology have been delivered both in the UK and mainland Europe.

Publications

“Requirements of Polymer End Users” Polymer Process Engineering ‘01