

LUMINESCENT POLYMERS – ORGANIC CHEMIST / TECHNICAL ASSISTANT – nr CAMBRIDGE, UK

A very Flat Opportunity!

Develop your career in the exciting world of plastic circuitry and polymer technology / organic light-emitting diodes (P-OLEDs). This fundamental luminescence principle has found industrial applications in colour displays for cars and mobile phones and in the development of ultraflat screens. *P-OLEDs enable the manufacture of displays so thin they could even be put onto a t-shirt.* Polymer Organic Light Emitting have begun to pose a serious challenge to the established flat screen display technologies such as LCD or Plasma. This is your chance to join a leading name in the research, design and development of products that incorporate this amazing technology.

You will be based at a state of the art Technology Development Centre which was set up to ensure that all the processes and materials under development can be implemented reliably and cost effectively in mass production. Though not at mass production scale, the plate size and throughput ensures that industrial feasibility of materials, devices and processes can be proven. The equipment is flexible enough to carry out a wide range of trials, either in process development of standard processes, or for large scale trial runs for licensee partners. The facility can also run major process development projects for partners wishing to perform large scale industrial feasibility trials to validate investment decisions.

As a technical assistant / Organic chemist you will be required to perform simple synthetic organic chemistry transformations in addition to preparing conjugated monomers, polymers, oligomers, and monomer precursors to high standard with high quality documentation and reporting. This role will also include maintaining the supply of standard monomers and key intermediates to specified standards, fully characterising monomers and intermediates prepared.

Ideally you should be confident working on both small and large laboratory scales as appropriate and have the ability to communicate effectively and liaise with synthetic chemists and material scientists, as well as the broader summation group. You will have the responsibility for maintaining a tidy and efficient laboratory environment and for ensuring health and safety standards are met and maintained. It would be advantageous to possess a good track record of safe working in a laboratory environment and the necessity to prepare and maintain accurate risk assessments for all laboratory procedures. Previous experience of performing safety, COSHH and risk assessments of all chemical processes will be highly desirable.

This expanding specialist development centre is involved in a variety of activities that mirror those of a

commercial production plant and incorporate areas such as Photolithography, Ink and device development Polymer deposition, Cathode deposition and encapsulation, Assembly and test Technology transfer.

This opportunity is far from “flat” it is positively charged and ready to receive your application!

Send us your enquiry and CV today to discover more about this and other positions in this advanced technology.

Call the New Discovery team at Phoenix&York to discuss more this unique opportunity



+44 (0) 1202233818 (before: 16:00)

+44 (0) 2081336012 (after: 16:00)

www.new-dr.com and www.phoenixyork.com

Or email your CVs and enquiry to jobs@new-dr.com