



**ELECTRA**

# **SPECIALITY RESISTS & COATINGS FOR THE ELECTRONICS INDUSTRY**

Printed Circuit Boards · Membrane Switches · Electroluminescent Lamps · RFID



# SPECIALITY RESISTS & COATINGS FOR THE ELECTRONICS INDUSTRY

Since 1984 Electra has been a leader in the development of advanced speciality polymer based resists and coatings for the global electronics manufacturing industry. With an emphasis on innovation, R&D and customer support, we provide customers with world class materials to help them manufacture environmentally compliant products faster, cheaper and of higher quality.

Whatever their size or wherever their location, our customers share a common goal: to constantly improve their production processes, so that sophisticated designs are manufactured in the fastest, most reliable, most repeatable and least expensive manner.

At Electra, everyone is dedicated to helping our customers achieve this goal.

What sets us apart from other polymer resist and coating manufacturers is the quality of our innovation, R&D and technical support.

For many companies innovation is a word overplayed by their marketing departments. At Electra, innovation is the cornerstone of our approach to R&D, resulting in us being at the forefront of PCB and membrane switch material development for over 20 years.

One of the first companies to develop a two-component aqueous photoimageable soldermask, we were the first resist manufacturer to proactively work closely with machine manufacturers to optimise our products for spray application - a technology now widely established for the many benefits it offers in terms of coating uniformity, track-edge coverage, blind-via encapsulation and minimal soldermask deposition in holes.

As well as the continued improvement of traditional technologies, we are actively involved in the development of direct imaging materials and the employment of nano-technology. These enable our customers to reap the accuracy and cost benefits associated with digital imaging processes.

From inkjet to laser, our polymer chemists and process engineers are actively involved in projects targeted at both incremental and step-change improvements in materials technology for the electronics industry.

Today we provide major PCB and membrane switch manufactures worldwide with all the polymer resist products they require.

In addition, our technical capabilities have led to our Electralux™ range of printable display inks becoming rapidly established as a leader in polymer resist technology for the manufacture of high reliability electroluminescent lamps.

However, it doesn't stop there. When you become an Electra customer, you not only partner with a supplier of cutting edge products that will satisfy your current needs, but you start to build a relationship with a company that will continually develop these, as well as new products, to satisfy your future demands.

Plus, wherever you are located, anywhere in the world, as an Electra customer you can benefit from our global support and supply network, covering more than 40 countries.







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