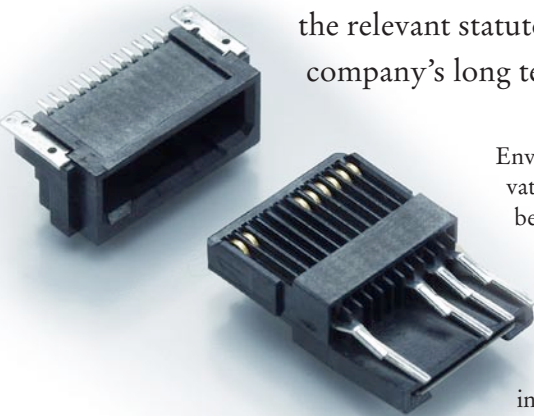


A safe bet it's eco-friendly

Shaping the future with Vectra® LCP

When it comes to identifying ways to combine ecological principles and economic goals sustainably, Ticona has proven itself a pioneer for many years. Because the company's philosophy aims to develop innovative polymers that are extraordinarily eco-friendly and exceptionally safe at the same time. That's why Ticona's environmentally sound approach doesn't just start from the moment the relevant statutory regulations go into force, but rather is firmly anchored in the company's long term objectives.



Environmental concerns and conservation of natural resources are also becoming increasingly important in the electrical/electronic industry. The impetus behind this movement originated largely from organizations like Greenpeace, which sought to encourage manufacturers in the IT industry to stop using pollutants and materials harmful to health.

New environmental regulations like RoHS and WEEE along with heightened environmental awareness on the part of consumers have helped move the topic of environmental protection to the forefront in the electrical/electronic industry.

Many renowned manufacturers in the industry (e.g. Apple and Sony) already meet the relevant guidelines and have begun to reduce or even completely eliminate the use of harmful substances such as heavy metals or bromide compounds in their devices. Ticona's innovative products are making an important contribution to this trend and creating major business opportunities for companies that supply the large electronics corporations.

In September 2008, the Shelby production site was audited for the "Sony Green Partners" program. The successful results of that audit serve as the basis for certification by Sony.

Protection of the environment, safety for people: Vectra® LCP

Vectra® LCP is a proven material that has been used successfully in the electrical/electronic sector for more than 20 years and still satisfies the latest requirements of the industry.

Ticona has developed a polymer that meets the highest environmental standards while offering the greatest possible protection against fire hazards at the same time: Vectra® LCP. This polymer features key product characteristics in both areas. It's inherently flame retardant, so no additional flame retardant agent is needed. That's why Vectra® LCP is "naturally" free of all additives, and therefore also halogen-free. Thanks to these properties, this high performance polymer is making a key contribution to environmental and consumer protection. Vectra® LCP meets the fire protection conditions recently formulated by Dr. Jürgen Troitzsch, a fire protection expert based in Wiesbaden, Germany: "To protect human life, property and the environment, polymer components must ensure the highest fire safety standards." With its extremely heat resistant and eco-friendly polymer, Ticona is clearly demonstrating that "green" electronics need not compromise on safety.

Symbol of quality for "Green Electronics"

The outstanding product properties of Vectra® LCP protect the environment and offer greatest possible protection against fire hazards. The polymer satisfies the RoHS directives, conforms to WEEE regulations and is recy-clable with a regrind ratio of up to 50 percent (with UL approval). This

