Another First Delivered to Croatia by EcoCortec: In-House ESD Testing

EcoCortec is pleased to announce the completion of its independent laboratory test facility! EcoCortec recently expanded its laboratory capabilities with a new chamber for the testing of ESD and antistatic properties of films. The first tests were recently completed successfully for films produced for end-users in Central and Eastern Europe.

EcoCortec is a pioneer in research, development and commercialization of high technology plastics, requiring extensive investment in extrusion equipment and testing capabilities. The enhanced in-house laboratory capability reduces testing and certification lead time for customers and increases production speed of the complex polymer matrix used in Cortec’s ESD films.

VpCI-125 Static Dissipative Bags and Film and EcoCorr® ESD are recommended for packaging of static-sensitive and non-static sensitive components where triboelectric charge generation and corrosion are concerns. VpCI-125 is recommended for packaging of integrated circuits, printed circuit boards, PCB components, telecommunications equipment, electronic and electrical panels, and enclosures.
EcoCor® ESD is certified compostable polymer blend that is actually stronger than low density polyethylene and offers multi-metal corrosion control and static protection. Users of EcoCor® ESD can compost the used bags onsite or at industrial compost facilities.

ESD properties of films are:
- Surface Resistivity (ASTM B 257): Between 1x10^5 and 10^12 Ω/m²
- Decay of static electricity (Method 3046, Federal Std. 101C): Less than 2 seconds

The product is in compliance with the following military standards:
- MIL-PRF-81705D
- MIL-PRF-22 010
- MIL-B-22 020

The specialized testing facility is another first for Croatia’s blossoming high technology industry. EcoCortec is again paving the way for Croatia to establish itself as a leading developer and producer of high quality, high technology products and services.

Further upgrading of technology and intellectual achievements will follow in the form of ISO certification and formal confirmation of compliance with European standards at key customers and in third party government and university approval our products.

“Croatia can truly become a leader in polymer and biotechnology research, development and commercialization. We are pleased to be paving the way by proving green business and high technology business can flourish in the Croatian economy” states Boris Miksic, CEO and founder of Cortec Corporation (USA) and EcoCortec (Beli Manastir, Croatia).