

PRESS RELEASE

ELANTAS PDG, Inc. Announces ELAN-Film® HT-180 Insulation has Been Approved for Use in Printed Electronic Applications

St. Louis, MO, October 29, 2018 – ELANTAS PDG, Inc. (EPDG) is pleased to announce the IPC Standards Development Flexible Circuits Material Committee has approved the use of ELAN-Film® HT-180 insulation as a coverlay and substrate in electronic applications. Approval was granted on Wednesday, October 17, 2018 during the IPC committee meeting held in conjunction with the SMTA conference.

“We are especially excited to now be able to offer this innovative flexible insulation material to Flexible Printed Circuit (FPC) manufacturers and serve as a new supplier to this market,” said Marc Barmeier, Business Development Manager – Emerging Technologies. “Our R&D Team did an outstanding job in preparing the test data to validate that ELAN-Film® insulation meets IPC Specification 4202.”

About ELAN-Film® HT-180

ELAN-Film® is a composite PET film coated on each side with a 50 gauge layer of ELANTAS PDG, Inc. Tritherm® polyamideimide. The composite construction gives the film a fully integrated structure suitable for slitting, forming and cutting.

The ELANTAS PDG, Inc. Tritherm® products have served a long history as a high performing primary insulation for magnet wire. ELAN-Film® HT-180 offers superior electrical properties and is rated as UL Class H (180°C).

The superior surface quality and its low shrink makes ELAN-Film® HT-180 a perfect insulation choice for printed electronics applications. It provides outstanding moisture and chemical resistance, has excellent bonding with ELANTAS Brand varnishes and secondary insulating resins, and is available in a thickness from 3 mil – 26 mil (75-660 µm).

About ALTANA

ALTANA is a global leader in true specialty chemicals. The Group offers innovative, environmentally compatible solutions for coating manufacturers, paint and plastics processors, the printing and packaging industries, the cosmetics sector and the electrical and electronics industry. The product range includes additives, special coatings and adhesives, effect pigments, sealants and compounds, impregnating resins and varnishes, and testing and measuring instruments. ALTANA's four divisions, BYK Additives & Instruments, ECKART Effect Pigments, ELANTAS Electrical Insulation, and ACTEGA Coatings & Sealants, all occupy a leading position in their target markets with respect to quality, product solution expertise, innovation and service.

Headquartered in Wesel, Germany, the ALTANA Group has 49 production facilities and more than 50 service and research laboratories worldwide. Throughout the Group about 6,000 people work to ensure the worldwide success of ALTANA. In 2016, ALTANA achieved sales of more than 2 billion euros. About 6 percent of sales are invested in research and development every year. Its high earning power and high growth rate make ALTANA one of the most innovative, fastest growing, and profitable chemical companies in the world. www.altana.com

About ELANTAS

ELANTAS produces insulating materials for the electrical and electronics industry. They are found in electric motors, household appliances, cars, generators, transformers, capacitors, digital cameras, wind mills, computers, lamps, circuit boards, and sensors, and help to ensure that product design engineers can construct ever smaller and more powerful electronic devices, thus saving materials and energy.

The ALTANA division, which is managed by a holding company headquartered in Wesel/Germany, has nine independent manufacturing companies in all major regions worldwide. In 2016, ELANTAS employed a total workforce of 976 people. www.elantas.com

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