

ELAN-*Tron*®, ELAN-*Cast*®, and Bectron® resins for **Conformal Coating**

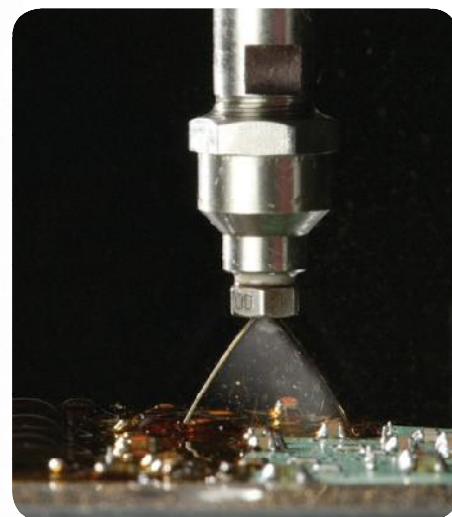
Conformal Coatings

Product Summary

Bectron®, ELAN-Tron® and ELAN-Cast® conformal coatings are designed for easy dip or spray application to printed circuit boards.



ELANTAS conformal coatings meet the requirements of the RoHS directive.



Product Characteristics at a Glance

		Viscosity cP @ 25°C	Solids Content	Cure Schedule for Optimum Properties	Maximum Service Temperature (IEC 60085)
Bectron® PL 1102 <i>MIL-I-46058C Type AR listed.</i> <i>IPC-CC-830 Type AR qualified.</i>	<ul style="list-style-type: none"> - Acrylic, thin film build - Air drying - Ready to use in spray or dip application - UV tracer - Excellent air release & substrate wetting - Non-fogging per DIN 75201 	25 - 50	21.0%	30 m at 25°C	125°C
ELAN-Tron® A 5026-21 <i>MIL-I-46058C Type AR listed.</i> <i>IPC-CC-830 Type AR qualified.</i>	<ul style="list-style-type: none"> - Acrylic, thin film build - Air drying - Ready to use in spray or dip application - UV tracer - Non-fogging per DIN 75201 	25 - 50	20.5%	30 m at 25°C	125°C
Bectron® PL 4122-40 P <i>UL 94 V0 listed.</i> <i>IPC-CC-830 Type UR qualified.</i> <i>BMW GS 95011-5 listed.</i>	<ul style="list-style-type: none"> - Urethane-modified alkyd, thin film build - Room temperature or accelerated cure up to 80°C - UV tracer - Air-assisted spray application 	60 - 100	40%	16 h at 25°C or 0.75 h at 80°C	130°C
Bectron® PL 4122-40 E BLF Bectron® PL 4122-45 E BLF <i>UL 94 V0 listed.</i> <i>IPC-CC-830 Type UR qualified.</i> <i>BMW GS 95011-5 listed.</i>	<ul style="list-style-type: none"> - Urethane-modified alkyd, thin film build - Room temperature or accelerated cure up to 80°C - UV tracer - 4122-40 E for airless spray application - 4122-45 E for dip application 	60 - 100 200 - 300	40% 45%	16 h at 25°C or 0.5 h at 80°C	130°C

Alternate cure schedule may be possible for your application. Consult with your ELANTAS PDG representative.

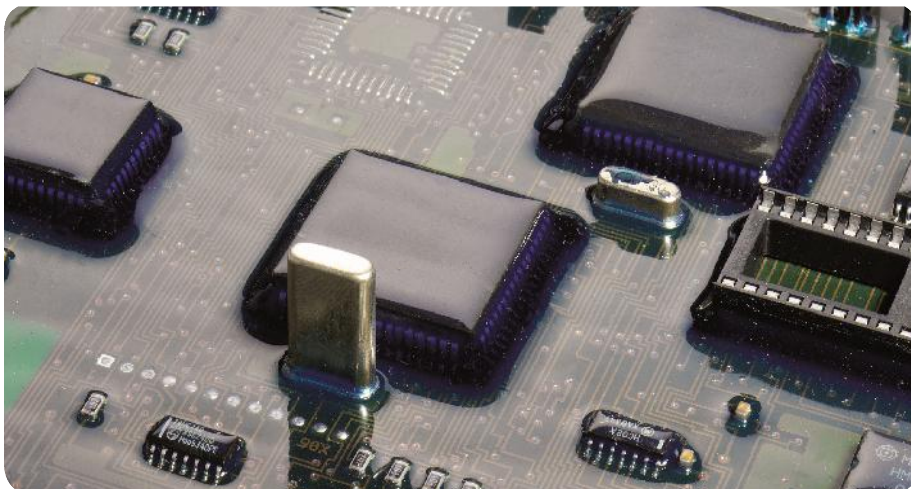
For More Information Ask For Our Technical Data Sheets.

Application Methods

Spray • Brush • Dip

Product Uses

Printed Circuit Boards
Surface Mount Devices



Product Characteristics at a Glance

		Viscosity cP @ 25°C	Solids Content	Cure Schedule for Optimum Properties	Maximum Service Temperature (IEC 60085)
Bectron® PT 4600 <i>MIL-I-46058C Type UR listed. IPC-CC-830 Type UR qualified.</i>	<ul style="list-style-type: none">- Polyurethane, thick film build- UV / moisture cure- Good flexibility to -40°C and below- Solvent free- Low viscosity- Excellent electrical properties- Protection against moisture, corrosion, migration, & vibration	500 - 1500	100%	UV light: 5-10s or 72 h at 25°C	125°C
Bectron® SC 7575 <i>Meets requirements of UL 94 V0.</i>	<ul style="list-style-type: none">- Silicone- Heat accelerated cure- Solvent free- Excellent flexibility- Brush, dip, or spray application- UV tracer	650 - 950	100%	30 m at 90°C or 15 m at 100°C	220°C
ELAN-Tron® E 697 Resin ELAN-Tron® C 126 Hardener	<ul style="list-style-type: none">- Epoxy, two-component, thick film build- Low heat cure- Abrasion resistant- Dip application- Mix ratio (by weight) 100:50	4500 - 7500 (mixed)	97%	4 h at 65°C	155°C
Bectron® MR 3406	<ul style="list-style-type: none">- Modified polyolefin hot melt, thick film build- Solvent free- Excellent moisture/water resistance- Extremely easy to apply and remove/rework	520 (at application temperature)	100%	190°C (application temperature)	130°C
Bectron® PT 4606	<ul style="list-style-type: none">- Polyurethane, thick film build, thixotropic- UV / moisture cure- Good flexibility to -40°C and below- Solvent free- Excellent electrical properties- Used as dam material for "dam and fill" coating of PCBs- Protection against moisture, corrosion, migration, & vibration	30000 - 46000	100%	UV light: 5-30s	120°C
Bectron® PK 4332	<ul style="list-style-type: none">- Polyurethane- Excellent thermal cycling performance from -60°C to +125°C- Can be used as dam material for "dam and fill" coating of PCBs- Excellent flexibility- Solvent free	4500 - 6500	100%	70-90 m at 90°C	130°C

Alternate cure schedule may be possible for your application. Consult with your ELANTAS PDG representative.

For More Information Ask For Our Technical Data Sheets.

ELANTAS PDG, Inc.

ELANTAS Electrical Insulation

Around the world, ELANTAS Electrical Insulation companies are respected as market leaders in the development and manufacturing of impregnating resins (varnishes), wire enamel, potting compounds and casting resins for a number of electrical, industrial, aerospace and civil applications. No matter what your challenge, be assured that ELANTAS Electrical Insulation products will meet your most demanding needs.

ELANTAS PDG, Inc.

Today, ELANTAS PDG, Inc. is recognized as the premier global supplier of specialty polymers for the electrical and electronic industries. ELANTAS PDG, Inc. is a member of ALTANA's ELANTAS Electrical Insulation Division based in Wesel, Germany.

With the support of ALTANA and by working with other ALTANA divisions, we offer a unique global approach to research, manufacturing and service that translates into more creative solutions, dependable supply and consistently high quality.

Many ELANTAS PDG, Inc. products are recognized as components of electrical insulation systems in accordance with UL 1446. ELANTAS PDG, Inc. is registered to ISO 9001:2000 and ISO/TS 16949:2002 - Second Edition.



ELANTAS PDG, Inc. headquarters in St. Louis, Missouri

ELANTAS Electrical Insulation companies are strategically located throughout the world to meet the primary insulation, secondary insulation and electronic and engineering materials needs of our customers.

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