



# ELAN-Cast™ 865001 resin

## Flexibility with High Temperature Protection Perfect for Severe Duty Motors

ELANTAS PDG, Inc. continues its Heritage of Innovation with the introduction of ELAN-Cast™ resin 865001, a single component potting compound perfect for electric motors that are subjected to severe conditions.

ELAN-Cast™ resin 865001 provides superior protection regardless of temperature fluctuations and handles the toughest voltage spikes. Its stable electrical properties yield predictable electrical characteristics at service temperatures that you can count on.

ELAN-Cast™ resin 865001 has excellent heat dissipation properties which means you have tremendous flexibility in your design options.

## Application Methods

- Casting
- Potting

# ELAN-Cast™ 865001 Potting Compound

resin

## Product Summary

ELAN-Cast™ resin 865001 is a single component potting compound perfect for the encapsulation of heavy duty electric motors subjected to extreme conditions. Able to handle the toughest voltage spikes and arc track resistant, ELAN-Cast™ resin 865001 will add the protection you need.

Engineers appreciate the stable electrical properties and excellent heat dissipation capabilities of ELAN-Cast™ resin 865001 because it gives them tremendous flexibility in their design work -- and a significant advantage over their competition.

## Features & Benefits

- ✓ **Stable Electrical Properties** - Predictable electrical characteristics at service temperatures
- ✓ **Arc Track Resistance** - Good handling of voltage spikes
- ✓ **Thermal Shock Resistance** - Strong performance regardless of temperature fluctuations
- ✓ **Good Heat Dissipation** - Enhanced design flexibility



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

## For More Information Ask For Our Technical Data Sheet

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 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.

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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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