

ResinLab®

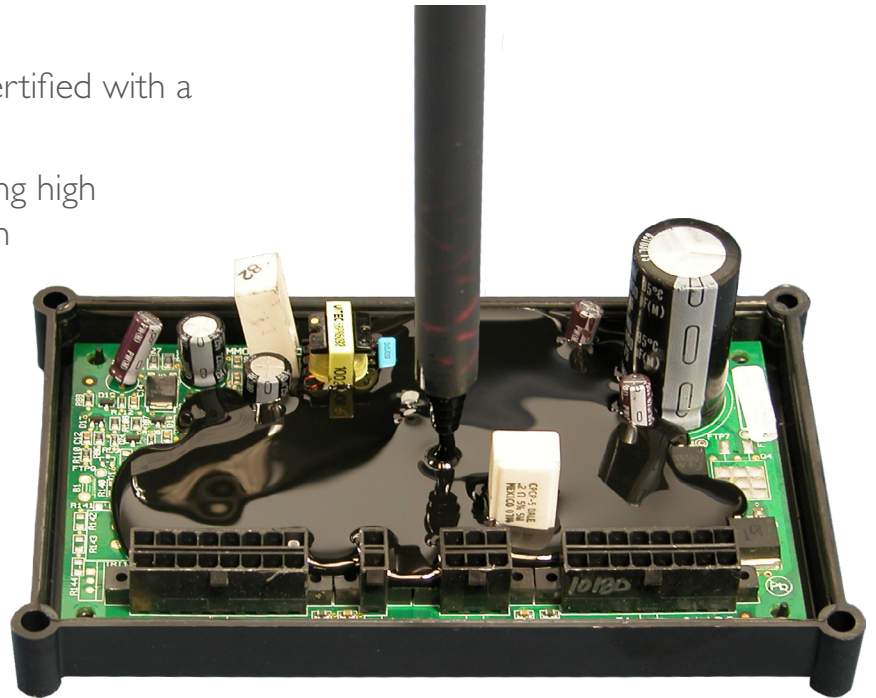
AN ELLSWORTH ADHESIVES COMPANY 



ResinLab® EPI282 is the most versatile and popular electronic potting and encapsulating compound in ResinLab's product line. Its combination of elongation and toughness enables superior performance under extreme temperature cycling. This semi-rigid polymer absorbs differences in CTE's of various substrates; insulating and protecting the most delicate SMT components.

EPI282 Features & Benefits:

- Both black and clear versions are UL certified with a UL94HB flammability rating at 1.5mm
- Excellent mechanical properties including high modulus, tensile strength and elongation
- Low viscosity, easy to process, 1:1 mix ratio
- Excellent adhesion with high lap shear strengths to a variety of substrates
- Long pot life with room temperature cure that can be accelerated with heat
- Good electrical insulating properties
- Low exotherm suitable for small to large mass applications



For more information on ResinLab® EPI282, contact



800-888-0698 | info@ellsworth.com

EPI282 Properties:

Viscosity	Pot Life
Mixed: 3,000 cps @ 1/s	1 hour
Hardness	Tensile Strength
70 Shore D	1,600 psi
Modulus	Elongation
10,000 psi	120%
Lap Shear Strength	Cure Time
1,700 psi	1 hour @ 65 °C

EPI282 is available in:

- 50ml cartridges
- 400ml cartridges
- Gallon kits
- 5 gallon kits



ResinLab LLC · 877-259-1669 · resinlab.com

© Copyright 2019 Ellsworth Corporation. All rights reserved.