



ResinLab®

AN ELLSWORTH ADHESIVES COMPANY 



ResinLab® EPI 350 Black is our highest performing electronic potting and encapsulating compound. It has a unique cycloaliphatic epoxy base chemistry that provides a very high Tg, low CTE, and superior electrical insulation properties under extreme conditions. It is highly filled providing low shrinkage upon cure as well as high thermal conductivity. ResinLab® also offers a clear unfilled version with some of the same high performance properties.

EPI350 Features & Benefits:

- Very high Tg with impressive compressive strength even over 200 °C
- Low mixed viscosity with long pot life for batch mixing and vacuum impregnation
- High thermal conductivity with very low CTE and low shrinkage
- Extremely tough polymer with high resistance to thermal cycling as well as UV stability
- Low ionic content and relatively low cost for very high performance



For more information on ResinLab® EPI 350 contact



800-888-0698 | info@ellsworth.com

EPI 350

is available in:

- Quart kits
- Gallon kits
- Pail kits



EPI350 Properties:

Viscosity	Glass Transition Temp
6,000 cps	203 °C
Hardness	Coefficient of Thermal Expansion
90 Shore D	46 ppm below Tg
Tensile Modulus	Pot Life
635,000 psi	12 to 16 hours

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

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