



## EL314 Epoxy Prepreg

EL314 is a 350°F curing epoxy resin prepreg system. Prepregs made with EL314 are used in high temperature electrical and structural applications.

### Properties of EL314-7781

|                                  |           |
|----------------------------------|-----------|
| Tensile Strength, psi            | 67,000    |
| Tensile Modulus, psi             | 2,700,000 |
| Flexural Strength, psi           | 76,000    |
| Flexural Modulus, psi            | 2,900,000 |
| Interlaminar Shear Strength, psi | 4,400     |
| Barcol Hardness                  | 85        |

\* Vacuum Bag in Oven, 9.4 to 9.9 mils Cured Ply thickness

### Process Information

- Apply Vacuum/Pressure
- 5°F/Minute Ramp to 200°F (Part Temperature)
- Hold 45 Minutes
- 5°F/Minute Ramp to 350°F (Part Temperature)
- Hold Two (2) Hours
- Cool to Less Than 180°F at 3 to 5°F/Minute
- Release Pressure/Vacuum and Demold

### Recommended Storage

|                    |                  |
|--------------------|------------------|
| - Room Temperature | Two ( 2 ) Weeks  |
| - 0° F             | Six ( 6 ) Months |

NOTE: The data presented herein has been developed under controlled manufacturing and test conditions and is considered accurate. No warranty is expressed or implied regarding the accuracy or use of this data or the use of this product. It is the responsibility of the end user to determine suitability for use.