



EP252 EPOXY PREPREG

EP252 is a low temperature curing, elastomer toughened epoxy that cures in the 235° F to 275° F range. EP252 is self-adhesive to aramid honeycomb. EP252 can be used for a wide variety of structural applications.

Properties of EP252-7781

Tensile Strength, psi	77° F	65,000
Tensile Strength, psi	180° F	52,000
Tensile Modulus, psi	77° F	3,600,000
Flexural Strength, psi	77° F	90,000
Flexural Strength, psi	180° F	68,000
Flexural Modulus, psi	77° F	3,200,000
Flexural Modulus, psi	180° F	2,900,000
Compressive Strength, psi	77° F	64,000
Compressive Modulus, psi	77° F	3,700,000
Compressive Strength, psi	180° F	48,000
Interlaminar Shear	77° F	8,000
Interlaminar Shear	180° F	6,600

PROCESS INFORMATION - EP252

Draw Vacuum and apply 50-70 psi autoclave pressure
5° F/Minute Ramp to 250° F - 260° F (Part Temperature)
Hold at 250° F - 260° F for 90 Minutes

Recommended Storage

- Room Temperature (77° F)	Four (4) Weeks
- 40° F	Six (6) Months
- 0° F	Twelve (12) Months

NOTE: EP252 Prepreg is wound with a polyethylene film interliner for easy release. The rolls are sealed in polyethylene film bags to protect prepreg from moisture and other contaminants. The bags should remain sealed while the prepreg is under refrigeration and only removed when the prepreg has had sufficient time to warm to room temperature. When not in use, the prepreg should be returned to refrigerated storage. Care should be exercised to limit out-time of the prepreg in order to insure maximum shelf life. Torn bags should be replaced.

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.