



## PRODUCT DATA SHEET

LC-E237 (175)G

175°F (79°C) Curing

Flame Retardant Epoxy Surfacing Film

### Description

LC-E237(175)G is a 175°F (79°C) flame retardant, modified epoxy film adhesive designed as a co-curing surface film to allow for a composite structure to have a void free, paint ready surface.

### Advantages

LC-E237(175)G provides an excellent surface finish to laminate and sandwich structures. On cured surfaces, LC-E237(175)G is available in medium and high tack to accommodate press cure and lay-up grade structures. LC-E237(175)G is a supported film available in various weights and colors to allow the user to color match to the final part. Lightning strike screens and foils are also available within this product.

### Physical Properties

Density: 1.2 G/cm<sup>3</sup> per ASTM D792  
Gel Time @ 275°F (135°C): 2-4 minutes  
Color: Grey  
Weight: .035psf (171 gsm)  
Tack: Medium-High

### Shelf Life/Out Life/Storage

Shelf Life: 6 months from Certification Date  
Out Life: 7 days @ 70°F (21°C)  
Storage Temp: 6 months @ 40° F or below

### Processing/Cure Cycle Recommendations

LC-E237(175)G can be processed at temperatures from 175°F (79°C) for 360 minutes to 250°F (121°C) for 60 minutes, using low, medium or high pressure.

LincolnCompositeMaterials.com

(714) 898-8350

Sales@LCMaterials.com

15422 Electronic Lane

Huntington Beach, CA 92649

Seller cannot anticipate all conditions under which seller's products, or the products of other manufacturers in combination with seller's products, may be used. Seller accepts no responsibility for results obtained by the application of seller's products or the safety and suitability of seller's products, either alone or in combination with other products. Users are advised to conduct their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, seller delivers the products without warranty of any nature, stated or implied, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of said products, whether used alone or in combination with other products. Purchaser waives any claim against seller for direct, indirect, consequential or exemplary damages against seller, including without limitation, damage which may incur as a result of purchaser's use or misuse of the product or the product's failure to conform to any particular specification.

REV 171130