



PRODUCT DATA SHEET

LC-E237G

250°F (121°C) - 350°F (177°C) Curing
Flame Retardant Epoxy Surfacing Film

Description

LC-E237G is a 250°F (121°C) - 350°F (177°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-E237G provides an excellent surface finish to laminate and sandwich structures. On cured surfaces, LC-E237G is available in medium and high tack to accommodate press cure and lay-up grade structures. LC-E237G 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/cm³ per ASTM D792
Gel Time @ 275°F (135°C): 3-5 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-E237G can be processed at temperatures from 235°F (113°C.) for 90 minutes to 350°F (177°C.) for 40 minutes, using low, medium or high pressure. A 250°F (121°C) cure for 60 minutes is optimal in most cases using press, vacuum bag or autoclave processing.

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