



PRODUCT DATA SHEET

LC-E111
2-Part Epoxy
Casting/Laminating Resin

Description

LC-E111 is a two part epoxy system designed for optically clear finished parts. LC-E111 is ideal for thicker castings or can be used as a wet layup system, both of which are free of surface “blush”.

Advantages

LC-E111 provides extended pot life once parts A and B have been blended. The low viscosity of the combined material also allows for easy wet out on most substrates. This system is a clear, tough Impact-resistant material that can be used in unsupported castings or combined with various cosmetic materials to enhance the internal substrate.

Physical Properties & Mix Ratio

Part A: Clear liquid
Part B: Clear liquid
Combined mixture: Clear liquid
Mix Ratio by weight: 100:47

Available Packaging

1 gallon kit (11.6 lbs.) (LC-E105/1)
5 gallon kit (58 lbs.) (LC-E105/5)
55 gallon kit (693 lbs.) LC-E111/55
Other packaging available upon request

Pot/Shelf Life

Pot Life at Room Temperature: 70° F (21° C): 180 Minutes (500 grams mass)

Shelf Life @ Room Temperature: 70° F (21° C): 12 Months

CAUTION: WHEN MIXING QUANTITIES IN EXCESS OF 500 GRAMS, USE CAUTION AS LARGER MIX QUANTITIES AND/OR EXCESSIVE MIX TIME CAN CAUSE AN INCREASED EXOTHERMIC (IE. VERY HOT) REACTION. THE USER IS ENCOURAGED TO DEVELOP STANDARD MIX PRACTICES.

Cure Cycle Recommendations

Handling Strength: 24 hours at Room temperature (70° F) (21° C)

Accelerated Handling Strength: 120 minutes at 175° F (79° C) plus 120 minutes at 250° F (121° C)

Full Strength/Cure: 7 Days at Room temperature (70° F) (21° C)

LincolnCompositeMaterials.com

(714) 898-8350

Sales@LCMaterials.com

15422 Electronic Lane

Huntington Beach, CA 92649

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