



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 an extended amount of pot life once part 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: 100:32

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): 240 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: 180 minutes at 120° F (49° C)

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

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