

RHINO 1307-LV

Laminating and Adhesive Epoxy System

DESCRIPTION: 100% solids, two component, epoxy laminating systems with excellent wet out, low viscosity and high strength. Easy to use 4:1 weight or volumetric mixing. Choose between fast (RHINO 3102), medium (RHINO 3103) or slow (RHINO 3156) systems. 100% solids.

SUGGESTED USES: Aircraft laminating, adhesives, sealers and microsphere filled fairing compounds.

NOTE: Lancair "approved" (1307-LV/3102 and 3156), the following data is the result of testing done by Aircraft Designs Company using their own test protocols on 5-layer 7781 E-glass laminates. Users must run testing using their own composite materials and methods before using RHINO Resins or Hardeners in any critical application that might involve the health or safety of any persons. 1307LV, 3102 and 3103 ship DOT non-regulated.

LIQUID PROPERTIES RHINO 1307-LV with RHINO 3102, 3103 and 3156:

RHINO 1307LV with:	RHINO 3102	RHINO 3103	RHINO 3156
Mix Ratio by Volume	4:1	4:1	4:1
Mix Ratio by Weight	100:22	100:22	100:22
Viscosity, cps (1307-LV neat:1160cps)	900	500	1200
Gel Time, Minutes @ 150 grams	10-15	20-25	30-35
Full Cure Time, Days @ 77°F	3	7	7

TYPICAL CURED PROPERTIES OF RHINO 1307-LV WITH LISTED HARDENERS:

HDT, °F	165
Shore D Hardness	84
Flexural Strength, psi	17,000
Flexural Modulus, psi	260,000
Tensile Strength, psi	9,000
Tensile Modulus, psi	475,000
Elongation %	4.5

HOW SUPPLIED (net weights): FOB RHINO LININGS, San Diego, CA.

RHINO 1307-LV: Gallons, 5 Gallon Pails, and 55 gallon Drums.

RHINO 3102, 3103 AND 3156: Quarts, Gallons, 5 Gallon Pails, 55 Gallon Drums.