



## **80LS- 32 SYSTEM**

### **EPOXY LAMINATING RESIN**

80LS-32 is a 100% solids epoxy laminating system. The system yields an increased cross link density making it especially suitable for lightweight, high performance composites using a variety of reinforcements.

#### **USES**

- To make lightweight composites
- Hand lay up application
- Coating
- Repair applications.

#### **PERFORMANCE BENEFITS**

- Superior fatigue and toughness properties
- Good adhesion to fabrics, core materials
- Good moisture exclusion
- Excellent wet out and air release
- Good clarity

#### **CURING 80LS-32 SYSTEM**

80LS-32 system mixes maintain good working properties until gelation takes place. Allow the composite to cure for 3 hours at 130 °F for best results.

#### **TYPICAL LIQUID SYSTEM PROPERTIES AT 25°C/77°F FOR AO 80LS-32 SYSTEM**

<b>Property</b>	<b>80LS-32</b>
Mix Ratio (parts by weight)	100 Resin/ Hardener 22
Density part A, lbs/gal	9.5
Density part B, lbs/gal	8.2
Density (mixed), lbs/gal	9.17
Viscosity (mixed)	900-1200 cps
Specific Gravity, (mixed)	1.098
Color, mixed	Amber
Pot Life @ 77°F	33-38 minutes
Cure Time, Hrs at 130 °F	3 Hrs

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Last updated June 12, 2018

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**CURED SYSTEM PROPERTIES FOR 80LS-32 SYSTEM**

<b>Property</b>	<b>80LS-32</b>
Hardness, Shore D, ASTM D-2240: 1 Day Cure	79
Glass Transition Temp	>170 °F

**PACKAGING WEIGHTS IN LBS**

<b>Material</b>	<b>Gallon</b>	<b>Pail</b>	<b>Drum</b>
<b>80LS-32A Resin (lbs)</b>	7.3	36.4	364
<b>80LS-32B Hardener (lbs)</b>	1.6	8.0	80 (2Pails)

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