



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

Property	80LS-32
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

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

PACKAGING WEIGHTS IN LBS

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

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