

High Temperature, Fast, Electrical Stator Winding, Impregnating and Sealing Resin *EPOXYLITE 234*

DESCRIPTION: A 100% solids (solvent free) two component epoxy resin for impregnating electrical motor windings. Part A and B are both fluid amber liquids. When mixed together they form a low viscosity liquid.

PURPOSE: Designed specifically for fast impregnation of high temperature windings, with a low temperature cure (55°C). This enables the Repair Centers to impregnate and seal any size random winding, regardless of size or how tight the windings. Also designed to eliminate the extreme smoking apparent in other high temperature trickle systems.

	<u>Example 1</u>	<u>Example 2</u>
HP Rating:	150 HP	5 HP
Slot Length:	14-1/8 inches	3 inches
Number Of Slots:	108	36
Coil Length:	25 in. end to end	6-1/2 in. end to end
Poles:	8	4
Voltage:	460	230/460
Time To Completion:	25 minutes	15 minutes

CURED PROPERTIES: Outstanding electrical and thermal properties. Thermal decomposition temperature Class 180 plus, 304°C (580°F). Strong adhesion and compatibility with all types of magnet wire, coupled with high mechanical strength and good thermal shock resistance, assures against coil failure due to vibration, shock, electrical surge, and mechanical abuse. Excellent chemical resistance assures against insulation deterioration due to moisture, solvents, caustic or acid spray, and contamination from lubricating oils, etc.

MIXING PROCEDURE: Use 100 parts A to 20 Parts B and mix thoroughly for 3 minutes.

APPLICATION TECHNIQUE: See EpoxyLite Process Specification PS #230, #234, #236 Fast Stator Impregnation.

HANDLING PRECAUTIONS: Use under conditions of good ventilation. While these materials are in low odor and toxicity range, use of soap and water after skin contact is recommended. If unfamiliar with handling epoxy systems please refer to EpoxyLite Bulletin TI-100.

PACKAGING: Units Packaged according to the following schedule:

Pint Units (1 lb.)	Gallon Units (12 lb.)
Quart Units (2 lb.)	5-Gallon Units (54 lb.)

EpoxyLite 234

STORAGE LIFE: Shelf life is in excess of one year when stored at room temperature in sealed containers.

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EPOXYLITE®

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