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**LEECAST 37-90
 MOTOR LEAD WIRE ENCAPSULANT**

Description

LEECAST 37-90 is a proprietary anhydride cured epoxy system. LEECAST 37-90 is light in color and may be used with features a convenient 1:1 by volume mix ratio. Electrical properties are excellent. Mechanical and thermal properties are also very good - comparable with resins cured with amine hardeners.

TYPICAL HANDLING PROPERTIES		
	Part A	Part B
Mix Ratio, by volume	100	100
Mix Ratio, by weight	100	100
Pot Life, 25°C, 100 g, hours	> 8	
Recommended Cure Cycle,	90°C for 2 hours plus 3 hours at 150°C	

Storage and Handling

LEECAST 37-90 should be stored in closed containers at temperatures above 60°F (15.5°C) to prevent crystallization. Handle in well ventilated areas. Keep containers closed when not in use to prevent possible moisture contamination.

TYPICAL PROPERTIES		
	Part A	Part B
Appearance	Clear liquid	Amber liquid
Viscosity, 25°C, cps.	12,500	200
Density, lbs/gal	9.7	10.0
Specific Gravity, g/ml	1.2	1.2
Shelf Life, months	12	12

Directions for Use

Accurately weigh both components then mix well. Parts to be encapsulated should be clean and free of all grease and oils. All surfaces should also be dry. A typical cure schedule is 2 hours at 90°C followed by 3 hours at 150°C.

TYPICAL PHYSICAL PROPERTIES	
Hardness, 25°C, Shore D	85
Tensile Strength, psi	12,000
Tensile Elongation, %	5
Glass Transition Temperature, °C	135

Safety

Avoid skin contact when using this product. LEECAST 37-90 may cause skin sensitization or allergic reactions. For specific information, refer to the product Safety Data Sheet.