



TECHNICAL DATA SHEET

Noelle Industries, Inc.
Adhesives • Coatings • Conductives • Encapsulants

NOELLE 807-63 System

A Two Component Low Viscosity Potting Compound

Description:

Noelle 807-63 System is a two component (A + B) high performance, room temperature curing, adhesive and potting compound. Noelle 807-63 System features a low viscosity for use as a potting or impregnating compound.

Advantages:

Noelle 807-63 mixed system features a moderate set up time.

Physical Properties:

	<u>Resin</u>	<u>Hardener</u>
	807-63A	807-63B
Color:	Clear	Lt. Yellow
Specific Gravity:	1.10	0.98
	Combined: 1.07	
Mix Ratio		
(By Weight):	4	1
(By Volume):	4	1

Shelf Life: (Sealed containers)

One Year @ 25°C (both A+B) Hand agitation of each components is recommended after long standing to insure best results. Combine the Resin and the Hardener in the ratio listed above. Mix by hand or mechanical mixer until material is uniform in appearance and light yellow in color. For best results the unit to be potted should be free of grease or contamination before potting or impregnating.

Cure Schedules:

Overnight or 16 hours @ 25°C will yield 80% of the systems full potential.

% Fill Cure:	80%	100%
Cure Temperature:	25°C	100°C
Cure Time (hours):	16	4

Pot Life (100 grams) @ 25°C = 40 minutes

Cured Properties:

Shore Hardness, measured @ 25°C 80D
Operating Temperature Range: -20°C to +100°C

Storage and Handling:

Normal storage and handling is at room temperature. Use standard mixing and housekeeping procedures to minimize the risk of spills and contact with the surrounding materials.

All values reported above are typical values, and are reported as a means of reference. Individual testing should be done to determine actual results, tested at specific conditions.

• 76 Treble Cove Road, Building # 3, Unit C, North Billerica, MA 01862

• Phone: (978) 439-9841 • Fax: (978) 439-9842 • Website: www.noelleindustries.com • email: info@noelleindustries.com