



TECHNICAL DATA SHEET

Noelle Industries, Inc.

Adhesives • Coatings • Conductives • Encapsulants

NOELLE 805-86 System

A Two Component Liquid Adhesive

Description:

Noelle 805-86 System is a filled gray two component (A + B) high performance, room temperature curing liquid adhesive and potting compound.

Advantages:

Noelle 805-86 features a low exotherm in mass and will set up in a moderate period of time.

Physical Properties:

	<u>Resin</u>	<u>Hardener</u>
	805-86A	805-86B
Color:	Black	Ivory
Specific Gravity	1.56	1.56
Mix Ratio		
(By Volume)	1.0	1.0
(By Weight)	100	100

Shelf Life: (Sealed containers)

One Year @ 25°C (both A+B). Hand agitation of the Resin component is recommended after long standing to insure best results.

Instructions:

Combine the Resin and the Hardener in the ratio listed above. Mix by hand or mechanical mixer until material is uniform in appearance.

Cure Schedules:

Overnight or 16 hours @ 25°C (77°F) will yield 80% of the systems full potential. An additional 96 hours @ 25°C (77°F) will yield the systems full potential.

% Full Cure:	80%	100%
Cure Temperature:	25°C (77°F)	25°C (77°F)
Cure Time (hours):	16	112

Pot Life (100 grams) @ 25°C = 75 minutes

Cured Properties:

Shore Hardness, measured @ 25°C 84D
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.

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