



TECHNICAL DATA SHEET

Noelle Industries, Inc.

Adhesives • Coatings • Conductives • Encapsulants

NOELLE 807-58 System

A Two Component Urethane Mold Making Compound

Description:

Noelle 807-58 System is a two component (A + B) high performance room temperature curing, urethane mold making compound.

Advantages:

Noelle 807-58 mixed system features a rapid set up time and demolding capabilities.

Physical Properties:

	<u>Resin</u>	<u>Hardener</u>
	807-58A	807-58B
Color:	Amber	Yellow
Specific Gravity:	1.10	0.98
Combined:	1.00	
Mix Ratio		
(By Weight):	100.0	88.5
(By Volume):	1	1

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 for one minute and pour into prepared molds. The material should be uniform in appearance and color (Off White when set up).

Cure Schedules:

Overnight or 16 hours @ 25°C (77 °F) will yield 80% of the systems full potential. An additional 48 hours @ 25°C (77 °F) will yield the systems full potential.

% Full Cure:	80%	100%
Cure Temperature:	25°C	25°C
Cure Time (hours):	16	64

Pot Life (25 grams) @ 25°C = 3 minutes

Cured Properties:

Shore Hardness, measured @ 25°C: >70D
Operating Temperature Range: -0°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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