



TECHNICAL DATA SHEET

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

NOELLE 906-41

A Two Component Urethane Low Viscosity Potting Compound

Description:

Noelle 906-41 is a black two-component low viscosity room temperature curing urethane potting compound.

Advantages:

Noelle 906-41 is a casting with a very quick cure at room temperature.

Physical Properties:

	<u>Resin</u>	<u>Hardener</u>
Color:	Amber	Black
Specific Gravity (g/cc):	1.15	1.08
Mixed Viscosity @ 25°C (cP):	100	
Mix Ratio		
(By Volume):	1.0	1.0
(By Weight):	100	94

Shelf Life: (Sealed containers)

Six Months @ 25°C (both A+B)

Casting:

Once you have poured a casting. Do not disturb the mold while material thoroughly cures. When the material is completely set then the casting can be de-molded.

Instructions:

Mix curative with prepolymer and Degas to insure air free system.

Gel Time

240 seconds and de-mold in 10 minutes

Cured Properties:

Shore D, measured @ 25°C (48 hours):	70+/-5
Specific Gravity:	1.08
Ultimate Tensile (psi):	4500
Flexural Modulus (pli):	200,000

Storage and Handling:

Normal storage and handling is at room temperature. Prepolymer once opened should be stored under a nitrogen blanket to prolong shelf life. Use standard mixing and housekeeping procedures to minimize the risk of spills and contact with individuals.

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