

20-2620

CLEAR URETHANE POTTING & ENCAPSULATING COMPOUND

DESCRIPTION:

20-2620 is a two component Polyurethane compound designed for applications requiring “water like” clarity. This room temperature curing system provides excellent environmental protection and will not yellow over time.

20-2620 is semi-flexible and will not place excess stress on electronic components. It also has a low viscosity, which facilitates easy flow and penetration into difficult areas.

This product has a convenient one-to-one mix ratio and is considered DOT non-hazardous.

This product is packaged in the convenient TriggerBond® system.

FEATURES:

- Water Clear
- Semi-Flexible
- Excellent Environmental Resistance
- Non -Yellowing

TYPICAL PROPERTIES:

Viscosity, 25°C cps	
Resin	1,400
Curing Agent	7,800
Mixed	2,700
Color	Crystal Clear
Hardness, Shore A/Shore D	85/40
Mix Ratio by Volume or Weight (Resin:Catalyst)	1:1
Operating Temperature Range, °C	-40 to +135
Pot Life, 25°C, 100 grams	80 minutes
Specific Gravity, 25°C	
Resin	1.08
Catalyst	1.12
Tensile Elongation, %	60
Tensile Module, at 100%	250
Tensile Strength, psi	1,200 psi
Dielectric Strength, V/mil	500
Volume Resistivity, ohm-cm	3×10^{15}



Coefficient of Thermal Expansion, /°C	228
Fungus Resistance	Excellent

INSTRUCTIONS FOR USE:

1. By weight, thoroughly mix 1 part 20-2620R resin to 1 part 20-2621C catalyst. To get thorough mixing and avoid excessive air entrapment use static mixers or meter mix equipment.
2. Degas at 1 to 5 mm Hg, pour, and cure according to one of the following recommended cure schedules:
 - a) 25°C 24 Hours
 - b) 45°C 2.5 Hours
 - c) 65°C 1.5 Hours
 - d) 85°C 40 Minutes

STORAGE, HANDLING AND SAFETY:

Store both components at 25 °C in original containers. If the containers are opened and the contents partially used, the material left in the container should be blanketed with dry nitrogen before sealing.

Please read Safety Data Sheet before using this or any other chemical.

The expected shelf life is 3 months in original TriggerBond® cartridges when stored at 70-85°F in a dry environment.

AVAILABILITY

20-2620 is packaged in the convenient TriggerBond® dual barrel cartridge system in 50 mL, 200 mL, and 400 mL cartridges.

IMPORTANT:

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06/24