

20-2175

POLYURETHANE POTTING COMPOUND

DESCRIPTION:

20-2175 is a two-component dielectric potting and encapsulating compound. This product has unique flow and rheology characteristics that allows filling of cavities with small holes where traditional materials would leak.

20-2175 was formulated for use in potting cable end assemblies, watertight electrical connectors, cables, printed circuitry, and other electrical components. It provides a quick gel to prevent too much flow.

FEATURES:

- Outstanding environmental performance
- Controlled flow
- Easy Mixing
- Available in Triggerbond® Cartridges

TYPICAL SPECIFICATIONS:

Viscosity, cps, 25 °C	
20-2175ITY Isocyanate	3,000
20-2175PBK Polyol	500
Mixed	Thixotropic
Color	Black
Gel Time, 25 °C	15 Minutes
Hardness, Shore D	75
Mix Ratio, Polyol:Iso	
By Weight	90:100
By Volume	1:1
Specific Gravity, 25 °C	
Isocyanate	1.15
Polyol	1.04
Working Life, 25 °C	6 Minutes
Dielectric Strength, V/mil	
1/8"	>400
1/16"	610
Insulation Resistance, ohms, 25 °C	2.0 x 10 ⁻¹¹
Thermal Conductivity, W/m·K	0.25

INSTRUCTIONS FOR USE:

1. Follow TriggerBond® dispensing guidelines.
2. Cure at 25 °C for 72 hours.

STORAGE, HANDLING & SAFETY:

Store at 25 °C in original containers. These products are moisture sensitive. When packaged in the convenient Triggerbond® Dual Barrel cartridges, the shelf life is three months.

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

AVAILABILITY:

This product is available in the convenient TriggerBond® dual barrel cartridges in 50 mL, 200 mL, and 400 mL.

IMPORTANT:

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