

20-2175

POLYURETHANE POTTING COMPOUND

DESCRIPTION:

20-2175 is a two-component and 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:

Color	Black
Viscosity, 25°C, cps	
Isocyanate	3,000
Polyol	500
Mixed	Thixotropic
Specific Gravity @ 25°C	
Isocyanate	1.15
Polyol	1.04
Working Life @ 25°C	6 minutes
Gel Time @ 25°C	15 minutes
Cure Time 25°C	72 Hours
Hardness, Shore D	75
Thermal Conductivity, W/m- °K	0.25
Dielectric Strength, Volts/mil	
1/8"	>400
1/16"	610
Insulation Resistance, ohms, 25°C	2.0 x 10 ⁻¹¹

INSTRUCTIONS FOR USE:

The two components should be mixed thoroughly at the appropriate ratio in plastic, metal or glass containers. Any material that could introduce water into the system should be avoided. The material is difficult to degas and is better suited for automatic mix equipment or for use in the TriggerBond® side by side cartridges.

Mix Ratio:

Parts by weight (Polyol:Iso)	90:100
Parts by volume (Polyol:Iso)	100:100

STORAGE & HANDLING & SAFETY:

Store both components at 75-85°F 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. The products are moisture sensitive. In the original unopened quart, gallon, 5 gallon pail and 55 gallon drum containers, this product has a twelve month shelf life. When packaged in the convenient Triggerbond® Dual Barrel cartridges, the shelf life is three months. Carefully read Material Safety Data Sheets before using.

IMPORTANT:

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