



# 20-2162 URETHANE SEALANT, ADHESIVE & POTTING COMPOUND

## DESCRIPTION:

20-2162 is a unique high performance two component urethane system. The 20-2162 is engineered for demanding applications where flow control is necessary to limit mold leaking, seeping around cable entries and substrate wicking. This product offers outstanding durability and adhesion to a variety of substrates.

## FEATURES:

- Outstanding environmental performance
- Controlled flow
- Easy mixing
- High impact resistance
- Available in Triggerbond® cartridges

## TYPICAL SPECIFICATIONS:

|                                |                       |
|--------------------------------|-----------------------|
| Color                          | Black                 |
| Viscosity at 25°C; cps         |                       |
| Iso                            | 750                   |
| Polyol                         | 1,200                 |
| Specific Gravity, 25°C         |                       |
| Iso                            | 1.14                  |
| Polyol                         | 1.01                  |
| Working time, 25°C             |                       |
| Initial Self Leveling          | 2-3 minutes           |
| Workable                       | 45 minutes            |
| Set Time                       | 8 Hours               |
| Hardness, Shore A              |                       |
| Overnight @ RT                 | 45-55                 |
| Five Days @ RT                 | 60-70                 |
| Five Hours @ 60°C              | 45-55                 |
| Elongation %                   | 200                   |
| Tensile Strength, psi          | 800                   |
| Tear Strength, lb/in           | 15                    |
| Linear Shrinkage, in./in.      | .014                  |
| Thermal Conductivity, W/m- °K  | .3                    |
| Dielectric Strength, Volts/mil | >550                  |
| Volume Resistivity, ohm-cm     | $7.2 \times 10^{13}$  |
| Surface Resistivity, 25°C, ohm | $>1.0 \times 10^{14}$ |
| Dielectric Constant @1 KHz     | 3.4                   |
| Dissipation Factor @ 1 KHz     | .017                  |

**INSTRUCTIONS FOR USE:**

- 1) By weight accurately mix 100 parts Polyol to 57 parts Isocyanate. By volume, mix 100 parts Polyol to 50 parts Isocyanate
- 2) Two components should be carefully measured in metal, plastic, or glass containers. Avoid using paper cups and wooden stirrers.
- 3) Mixed material may be degassed at 28-29 inches of mercury to remove air and ensure bubble free castings. Containers should be large enough to allow frothing.
- 4) A mold release agent may be used if parts will be demolded.
- 5) When pouring for cast parts pour in steady stream in one spot that avoids overlapping or trapping air. Parts may be preheated to improve flow.

**STORAGE, HANDLING AND 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 six months. Carefully read Safety Data Sheets before using.

**IMPORTANT:**

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