

10-2100

POLYURETHANE ADHESIVE & SEALANT

DESCRIPTION:

10-2100 is a toughened polyurethane adhesive and sealant with excellent adhesion to plastics, metals, and glass. It is a fast curing system with non-sag properties.

10-2100 has good resistance to chemicals, solvents, and water. This product is formulated to maintain gloss retention and provide abrasion resistance. 10-2100 is a good choice for bonding, sealing or potting applications with continuous outdoor exposure.

FEATURES:

Good Adhesion
Water and Chemical Resistant
Abrasion Resistant
Weather Resistant
Good Dielectric Properties

TYPICAL SPECIFICATIONS:

Color	White
Viscosity, 25°C, cps	
Resin	Paste
Catalyst	2,000
Thin Film set time, 25°C	1 Hour
Hardness, Shore A	90
Ratio by volume & weight (R:C)	2:1
Specific Gravity, 25°C	
Resin	1.13
Catalyst	1.13
Coefficient of thermal expansion per °C	2.2 x 10P-4
Elongation, %	40
Dielectric constant, 1 KHz @ 25°C	4.5
Surface resistivity, 25°C, ohm	1 x 10P16
Volume resistivity, ohm-cm @ 25°C	6 x 10P16P
Operating temperature range, °C	-40 to +135



INSTRUCTIONS FOR USE:

1. By weight or volume thoroughly mix two parts 10-2100 resin to one part 10-2100 curing agent. Two components should be carefully weighed in metal, plastic or glass containers. Avoid using paper cups and wooden stirrers.
2. Cure according to one of the following cure schedules:
 - 25°C 1 – 3 hours
 - 65°C 10 minutes

Note: Available in TriggerBond® packaging.

STORAGE AND HANDLING:

Store both components at 75-85F 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. Carefully read Material Safety Data Sheets before using.

IMPORTANT:

The information in this brochure is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

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