



UV 9172 UV/Visible Light Cure Adhesive

PRODUCT DESCRIPTION

UV9172 is a high viscosity solvent free acrylate adhesive and glob-top compound. It can be cure under UV or visible light. It has very low shrinkage during cure for alignment sensitive parts. Excellent resistivity to moisture, hot water, automotive fluids, detergents, gasoline, cleaning agents and many other aggressive chemicals.

CURING PROPERTIES

| UV-A | VIS | LED |
|---|-----------------|---------------|
| + | + | 365nm – 405nm |
| Curing @100mW/UV-A @7 watt/cm ² | 18 sec 5 sec | |

UNCURED PROPERTIES

| Base | Acrylate |
|------------------|-------------|
| Color | Clear |
| Specific Gravity | 1,1 |
| Viscosity (cps) | 40000-45000 |

CURED PROPERTIES

| Hardness Shore D | 80 |
|--|--|
| Operating Temperature (°C): | -40°C to 170°C |
| Tg | 76ºC |
| Young's Modulus (Mpa): | 1082 |
| Elongation | 5% |
| Linear Shrinkage | 0,2% |
| Volume Shrinkage | 0,6% |
| Volume Resistivity(Ω-cm) • 100 V • 500 V | 8.0 x 10 ¹⁴ 6.3 x 10 ¹⁴ |
| Dielectric Constant • 120 Hz • 1000 Hz | 4,3 4,3 |
| Dissipation Factor • 120 Hz • 1000 Hz | 0.002 0.002 |

• INSTRUCTIONS FOR USE

UV 9172 is available in several types of packaging. The materials can be used with either pressure/time or positive displacement dispense equipment. All materials should be stored in a cool place when not used for an extended period of time. Do Not Freeze. Shelf life of this product is twelve (12) months between 8C to 23 C when stored in original sealed container.

Our data sheets have been compiled to the best of our knowledge. The information included in our data sheets is exclusive information for the tended user and describes characteristics, with no declaration of commitment. We recommend trials in order to confirm that our products satisfy the particular application requirements. For an additional technical consultation, please contact our RD department. Adhetron is a brand of Pulsar Chem. Industry and Trade Co. INC.





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