

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	76°C
Young's Modulus (Mpa):	1082
Elongation	5%
Linear Shrinkage	0,2%
Volume Shrinkage	0,6%
Volume Resistivity(Ω-cm)	
• 100 V	8.0 x 10 ¹⁴
• 500 V	6.3 x 10 ¹⁴
Dielectric Constant	
• 120 Hz	4,3
• 1000 Hz	4,3
Dissipation Factor	
• 120 Hz	0.002
• 1000 Hz	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.

