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Manufacturer:
ÅngströmBond®

Product Name:
ÅngströmBond® AB9098MV Optical Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:
AB9098MV-3CC

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Advanced Polymers for High Tech Applications

Adhesives

ÅNGSTRÖMBOND® 9098MV

High Strength UV/Blue Light Cure Adhesive

Description:

ÅNGSTRÖMBOND® 9098MV is a higher viscosity, slightly thixotropic version of 9098. It is a clear, yellow resistant, UV cure adhesive designed for bonding glass, ceramics, metals and most plastics. This low shrinkage adhesive offers a high Tg without the need for a heat post cure. It can withstand 85/85 testing and is excellent for temperature cycling applications.

Handling Characteristics:

Cure time:

150-300 mW/cm² - 5-15 sec. @320-480nm

note: Cure schedules can vary slightly with different applications.. Speed of cure depends upon thickness and light intensity. Lamps emitting high levels of shortwave light are not recommended. Please use these numbers as a basis to develop a schedule suitable for the application.

Typical Properties:

Color:	Clear
Viscosity @ 25°C, cps:	5,600
Hardness, Shore D:	72
Linear Shrinkage, %	0.50
Elongation, %	85
Tensile, psi	3,500
Modulus, psi	66,000
Coeff. of Exp. , /°C	52
Operating Temperature, °C:	-55 to 180
Glass Transition, °C	105
Refractive index	1.48
Water Absorption, %, 24 hrs	3.0
Solids content, %	100

Storage and Shelf Life:

Store in a cool, dark place when not in use.. Do not place in view of UV light source or sunlight. Material may polymerize upon exposure to ambient light

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Rev A 10/2014

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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Product specifications and data are subject to change without notice.