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Manufacturer:
ÅngströmBond®

Product Name:
ÅngströmBond® AB9098 Optical Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:
AB9098-3CC

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Advanced Polymers for High Tech Applications

Adhesives

ÅNGSTRÖMBOND® 9098

High Strength UV/Blue Light Cure Adhesive

Description:

ÅNGSTRÖMBOND® 9098 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 high temperature and temperature cycling applications.

Typical Properties:

Color:	Clear
Viscosity @ 25°C, cps:	500
Hardness, Shore D:	70
Linear Shrinkage, %	0.78
Elongation, %	61
Tensile, psi	3,900
Modulus, psi	82,000
CTE /°C, Below Tg / Above Tg	98 / 224
Operating Temperature, °C:	-20 to 150
Glass Transition, °C	115
Refractive index cured	1.50
Water Absorption, % (25°C, 24 hrs)	1.5

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.

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. This product has a shelf life of 12 months.

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

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Product specifications and data are
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