



**Manufacturer:**  
ÅngströmBond

**Product Name:**  
ÅngströmBond AB9061 High Power Laser UV Cure Adhesive (3cc)

**Manufacturer Part Number:**  
AB9061-3CC

▶ [Click here for more details on the ÅngströmBond AB9061 High Power Laser UV Cure Adhesive \(3cc\)](#)



Adhesives

Advanced Polymers for High Tech Applications

**ÅNGSTRÖMBOND® AB9061 (FORMERLY EX1098)**  
**UV CURING, LENS BONDING AND LASER MATERIAL**

**Description:**

ÅNGSTRÖMBOND® AB9061 is a rigid, optically clear material designed for bonding lenses and optical devices. It has successfully been used in high power applications where it is directly in the path of laser energy. This high viscosity polymer has good adhesion to glass and good release from metal molds. It is an excellent choice for replication of plastic lenses.

**Handling Characteristics:**

Cure Schedule:  
100 mW/cm<sup>2</sup> - 5-20 sec @300 to 450 nm

Cure schedules can vary slightly with different applications. Please use these numbers as a basis to develop a schedule suitable for the application.

**Typical Physical Properties:**

Viscosity @ 25°C, cps:	9,000
Hardness, Shore D	87
Cure shrinkage, %	<0.3
Glass Transition Temp, °C	109
Coeff. Of Thermal Expansion /°C:	
Below Tg (x10 <sup>-6</sup> )	37
Above Tg(x10 <sup>-6</sup> )	71
Elongation, %	4.6
Modulus, MPa	2100
Operating Temperature, °C	-40 to 140
Degradation Temperature, °C:	>340
Refractive Index	
@589nm	1.567
@1310nm	1.552
@1550 nm	1.548

**Storage Conditions:**

Store in cool dry environment away from light

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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 subject to change without notice.*