



Manufacturer:
ÅngströmBond

Product Name:
ÅngströmBond AB9028 High Tg UV Cure Adhesive (3cc)

Manufacturer Part Number:
AB9028-3CC

▶ [Click here for more details on the ÅngströmBond AB9028 High Tg UV Cure Adhesive \(3cc\)](#)



ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

ADHESIVES

ÅNGSTROMBOND® AB9028 (FORMERLY EX1094)
High Tg, UV curing Adhesive

Description:

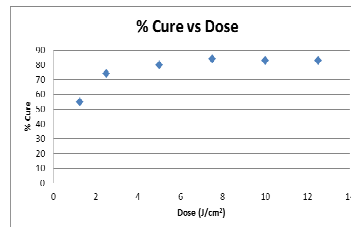
AB9028 is a UV cure adhesive with a very high Glass Transition Temperature. This epoxy based polymer has very low shrinkage making it an excellent choice for bonding optical fibers into V-grooves. It has superior adhesion to glass and metal making it ideal for high humidity environments and hermetic sealing applications.

Typical Physical Properties:

Viscosity @ 25°C, cps:	1,000
Hardness, Shore D	90
Cure shrinkage,%	<0.5
Elongation, %	4
Modulus, MPa	245,000
Glass Transition Temp, °C	155
Coeff. Of Thermal Expansion /°C:	
Below Tg (x10 ⁻⁶)	42
Above Tg(x10 ⁻⁶)	86
Outgassing, weight %, 125°C, 120Hr	0.1
Operating Temperature, °C	-55 to 200
Refractive Index	1.57

Handling Characteristics:

Cure Schedule:
150 mW/cm² - 30-50 sec @300 to 500 nm
Post cure at 80°C for 60min recommended



Data collected using 365nm LED lamp with measured intensity of 125mW/cm²

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

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.