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Manufacturer:
ÅngströmBond®

Product Name:
ÅngströmBond® AB9093 Rigid, Low Viscosity Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:
AB9093-3CC

▶ [Click here for more details on the ÅngströmBond® AB9093 Rigid, Low Viscosity Adhesive, UV Cure \(3cc Syringe\)](#)



ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

Adhesives

ÅNGSTRÖMBOND® AB9093
Rigid, low viscosity, UV adhesive

Description:

ÅngströmBond® AB9093 is a semi-rigid, low viscosity, optical adhesive designed for low stress bonding of optical components. It produces high strength bonds to glass, ceramic, metals and most plastics. This 100% solids acrylate is excellent for moisture protection and temperature cycling applications

Handling Characteristics:

Cure time:

100-300 mW/cm² - 5-30 sec - @320-390nm

Cure schedules can vary slightly with different applications.. Speed of cure depends upon thickness and light intensity. Please use these numbers as a basis to develop a schedule suitable for the application.

Typical Properties:

Color:	Clear
Specific Gravity	1.1
Viscosity @ 25°C, cps:	150
Hardness, Shore D:	60
Elongation at Failure, %	16-20

Tensile Strength, psi	200
Coeff. of Exp., .ppm /°C	60
Operating Temperature, °C:	-55 to 125
Solids content, %	100
Modulus of Elasticity, psi	1500-1600
Refractive Index	1.56
Optical transmission 400–2000nm, 10um	>98%

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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Product specifications and data are subject to change without notice.