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Manufacturer:
ÅngströmBond®

Product Name:
ÅngströmBond® AB9092 High Strength Optical Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:
AB9092-3CCM

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ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

ADHESIVES

ÅNGSTRÖMBOND® AB9092
Rigid, High Strength, UV Adhesive

Description:

ÅNGSTRÖMBOND® AB9092 is a rigid, medium viscosity, very high strength optical adhesive designed for bonding prisms, lenses and small optical components of glass, ceramic, metals and rigid plastics. This 100% solids yields very high optical transmission from 400 to 2000nm and can be cured as fast as 10 seconds.

Handling Characteristics:

Cure time:

100-350 mW/cm² - 10-30 sec- . @320-390nm

note: 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:	2400
Hardness, Shore D:	88
Refractive Index	1.56
Tensile , psi	5000
Operating Temperature, °C:	-55 to 125
Solids content, %	100

Storage:

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.

Optical transmission 400 – 2000nm, 10um >98%

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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. FOC last update 1/14/2026.