



Learn More

Manufacturer:
ÅngströmBond®

Product Name:
ÅngströmBond® AB9079 Optical Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:
AB9079-3CCM

▶ Click here for more details on the ÅngströmBond® AB9079 Optical Adhesive, UV Cure (3cc Syringe)

ÅngströmBond®

Adhesives

The only adhesive line developed exclusively for fiber optics

ÅngströmBond® AB9079 (formerly EX1143)
Soft UV curing Adhesive for plastic and glass bonding

Description:

AB9079 is a medium viscosity, UV cure adhesive designed for bonding plastics and glass. It is particularly effective at bonding PMMA and PET. This clear acrylic adhesive cures very quickly with UV light.

Handling Characteristics:

Cure Schedule:

100 to 150 mW/cm² - 5-20 sec @320 to 390 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:

Color	Clear
Viscosity @ 25°C, cps:	1,100
Specific Gravity	1.1
Hardness, Shore A	68
Bond Shear Strength, PMMA, psi	1,000
Operating Temperature, °C	-55 to 120
Refractive Index	1.50

Storage Conditions:

Store in cool dry environment away from light

ÅngströmBond® is a registered trademark of Fiber Optic Center, Inc., New Bedford MA, USA

Fiber Optic Center™, Inc. MAKES NO EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS OR OTHERWISE, with respect to its products. In addition, while the information herein is believed to be reliable, no warranty is expressed or implied regarding the accuracy of the data or the results to be obtained from the use thereof. All recommendations or suggestion for use are made without guarantee -- inasmuch as conditions of use are beyond our control. The properties given are typical values, and are not intended for use in preparing specifications. Users should make their own test to determine the suitability of this product for their own purposes.

RevA 11/2011

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

focenter.com • 508-992-6464 | (800) 473-4237 • sales@focenter.com

23 Centre Street • New Bedford, MA 02740 USA

Product specifications and data are subject to change without notice. FOC last update 1/9/2026.