



Manufacturer:
ÅngströmBond

Product Name:
ÅngströmBond AB9075 Flexible UV Cure Adhesive (3cc)

Manufacturer Part Number:
AB9075-3CC

▶ [Click here for more details on the ÅngströmBond AB9075 Flexible UV Cure Adhesive \(3cc\)](#)



Adhesives

Advanced Polymers for High Tech Applications

ÅNGSTRÖMBOND® AB9075 (FORMERLY EXII32)
Flexible, UV/Visible Light Cure Optical Adhesive

Description:

ÅNGSTRÖMBOND® AB9075 is a very flexible, low viscosity UV/Visible light cured adhesive designed for bonding various plastics, glass and ceramics. This clear, low stress adhesive is an excellent choice for applications requiring high optical transmission.

Handling Characteristics:

Cure time:

100-300 mW/cm² -10 to 30 sec- . @320-420 nm

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:	
Before cure	light yellow
After cure	Clear
Specific Gravity	1.1
Viscosity @ 25°C, cps:	550
Hardness, Shore A:	20
Elongation, %	400
Refractive index	1.49
Block Shear Str, psi	400
Operating Temperature, °C:	-50 to 125
Glass Transition, °C	-40
Solids content, %	100

Storage:

Store in a cool, dark place when not in use. Refrigeration is recommended if possible. Do not place in view of UV light source or sunlight. Material may polymerize upon exposure to ambient light.

Optical transmission 600– 2000nm, 10um >98%

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.

Rev. A 2/2010

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.