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Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9075 Flexible Optical Adhesive, UV Cure (3cc Syringe)

Manufacturer Part Number:

AB9075-3CC

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



Advanced Polymers for High Tech Applications

Adhesives

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%

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