Manufacturer:
ÅngströmBond

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

Manufacturer Part Number:
AB9075-3CC

ÅNGSTRÖMBOND® Adhesives

Advanced Polymers for High Tech Applications

ÅNGSTRÖMBOND® AB9075 (formerly EX1132)

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/cm^2 -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

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

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.

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