



Manufacturer: ÅngströmBond

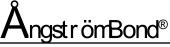
Product Name:

ÅngströmBond AB9018-138 Low Refractive Index adhesives (3CCA)

Manufacturer Part Number:

AB9018-1.38-3CCA

Click here for more details on the ÅngströmBond AB9018-138 Low Refractive Index adhesives (3CCA)



Adhesives

Advanced Polymers for High Tech Applications

ÄngströmBond® AB9018 Low Refractive Index adhesives

ÄngströmBond® AB9018 is a series of refractive index matched adhesives that can be used for bonding glass, ceramics and various plastics.

Typical Properties

		<u>1.38</u>	<u>1.42</u>	<u>1.62</u>
Refractive Index@ 589nm		1.38	1.42	1.62
Viscosity @ 25°C, cps Hardness, Shore D		75 35	50 40	120 50
Operating Temp, °C			-20 to 120	
% Transmission	@400nm	>99%	>98%	>90%
	@550nm	>99%	>99%	>96%
	@810nm	>99%	>99%	>97%
	@1550nm	>99%	>99%	>99%

Handling Characteristics

Cure time: 100-300 mW/cm² - 15sec - 5min @320-390nm

note: <u>Curing should be done in an oxygen free environment</u>. The cure schedules will increase with increase thickness, lower UV light intensity and the presence of oxygen and water.

Storage and Shelf Life

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

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