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Manufacturer:

ÅngströmBond®

Product Name:

ÅngströmBond® AB9123 High Temperature Blue Epoxy, Heat Cure (2.5g)

Manufacturer Part Number:

AB9123BLUE-2.5G

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ADVANCED POLYMERS FOR HIGH TECH APPLICATIONS

Adhesives

ÅNGSTRÖM BOND® 9123-BLUE
High Temperature Fiber Optic Epoxy

Description:

ÅNGSTRÖM BOND® 9123-BLUE is a very fast curing, high temperature optical connector adhesive. This low viscosity system produces a very high strength bond for glass, metal, ceramics and most plastics. This epoxy utilizes the most popular chemistries used for terminating connectors. Its very high glass transition temperature allows it to pass the most stringent pistonning specifications. It has excellent temperature cycling capabilities and will withstand high humidity environments.

Handling Characteristics:

Working Life:	3 – 4 Hours
Minimum Cure Schedule, by DSC:	
@100°C	5 Minutes
@120°C	2 Minutes
@150°C	1 Minute

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:

Mixed: blue
Cured: blue

Specific Gravity, g/cc:

1.2

Mixed Viscosity @ 25°C, cps:

2000

Hardness, Shore D:

87

Mix Ratio by Weight,

 Resin to Hardener: 100/10

Dielectric Strength, (Volts/mil):

> 400

Solids Content, %:

100

Lap Shear Strength, psi (A1/A1):

2900

Glass Transition, °C:

120

Service Temperature Range, °C: -60 to 175

Application Directions:

Safely remove divider from package. Knead package vigorously until uniform color is achieved and material is thoroughly mixed. Cut open end of package and dispense.

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

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Product specifications and data are subject to change without notice. FOC last update 12/16/2025.