



Manufacturer:
ÅngströmBond

Product Name:
ÅngströmBond AB9123 Blue Heat Cure Epoxy (2.5G)

Manufacturer Part Number:
AB9123BLUE-2.5G

▶ [Click here for more details on the ÅngströmBond AB9123 Blue Heat Cure Epoxy \(2.5G\)](#)



Adhesives

ÅNGSTRÖMBOND® 9123-Blue
High Temperature Fiber Optic Epoxy

Description:

ÅNGSTRÖMBOND® 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 (Al/Al): 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.

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.

ÅngströmBond 9123-Blue.doc Rev.A 6/2000

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.