

[Learn More](#)

Manufacturer:
ÅngströmBond®

Product Name:
ÅngströmBond® AB9559 Plastic Bonding Black Epoxy, Room Temperature & Heat Cure (2.5g)

Manufacturer Part Number:
AB9559-2.5G

▶ Click here for more details on the ÅngströmBond® AB9559 Plastic Bonding Black Epoxy, Room Temperature & Heat Cure (2.5g)

ÅngströmBond®

Adhesives

The only adhesive line developed exclusively for fiber optics

ÅngströmBond® AB9559 Semi Rigid epoxy for Plastic Bonding

Description:

ÅngströmBond® AB9559 is a solvent free epoxy designed for bonding, casting and potting. It bonds well to most plastics including PVC, nylon and acrylic as well as glass, ceramics and metals. It yields high impact, vibration and thermal shock resistance and is excellent protection from moisture and solvents.

Handling Characteristics:

Mix Ratio by Weight or Volume,
Resin to Hardener: 100:100

Working time @ 25°C - 90 minutes

Cure time:
@ 25°C - 24-36 hours
@ 65°C - 1 hour
@ 80°C - 30 min

note: curing times may vary based on mass and product configuration.

Typical Physical Properties:

Color Mixed:	Black
Specific Gravity:	1.08
Viscosity, cps:	14,000
Hardness, Shore D:	48
Operating Temp, °C	-55 to 125
Solids, %	100

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.

Rev. A 12/2011

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. FOC last update 1/12/2026.