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Manufacturer:
ÅngströmBond®

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

Manufacturer Part Number:
AB9559-2.5G

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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.

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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 1/12/2026.