

Manufacturer: ÅngströmBond
Product Name: ÅngströmBond AB9110LV Room Temp Cure Epoxy (2.5G)
Manufacturer Part Number: AB9110LV-2.5G

Click here for more details on the ÅngströmBond AB9110LV Blue General Room Temp Cure Epoxy (2.5G)

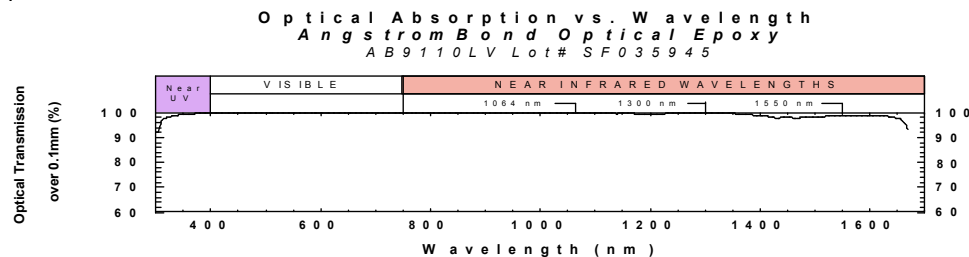
ÅngströmBond® Adhesives
Advanced Polymers for High Tech Applications

ÅngströmBond® 9110LV
Versatile Two-Component Epoxy Adhesive

Description

ÅngströmBond® 9110LV is a crystal clear, low viscosity epoxy recommended for industrial adhesive, small potting and laminating applications where structural, mechanical and electrical properties are required.

This two-part adhesive exhibits good wetting, cures at room temperature and develops strong, low shrinkage bonds to most materials including optical fibers, glass ceramics, most metals and many rigid plastics.



Physical Properties

Color: Clear or Blue
Mixed Viscosity @ 25°C, cps: 500
Specific Gravity: 1.15
Glass Transition, °C: 83
Tensile Strength, psi: 7,200
Hardness, Shore D: 79
Dielectric Strength, Volts/Mil: > 400
Coefficient of Thermal Expansions, cm/cm: 54 x 10^-6
Operating Temperature Range, °C: -270 to 125
Index of Refraction: 1.564

Handling Characteristics

Mix-Ratio by Weight Resin/Hardener: 100/30
Working time, Small Mass: 1 Hour
Cure Schedule
- 25°C: - 18 Hours
- 65°C: - 1 Hr
- 90°C - 15 minutes

note: when exceptionally low shrinkage is required, a cure of 35 to 40°C is recommended for 4-6 hours

Application Directions

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